# Syntax and semantics

## Syntax in tabular form

### Slice header syntax

#### General slice header syntax

|  |  |
| --- | --- |
| slice\_header( ) { | Descriptor |
| […] |  |
| if( !dep\_quant\_enabled\_flag ) |  |
| **sign\_data\_hiding\_enabled\_flag** | u(1) |
| if( chroma\_qp\_offset\_list\_enabled\_flag ) |  |
| **cu\_chroma\_qp\_offset\_enabled\_flag** | u(1) |
| if( deblocking\_filter\_override\_enabled\_flag ) |  |
| **deblocking\_filter\_override\_flag** | u(1) |
| […] |  |
| } |  |

## Semantics

### Slice header semantics

#### General slice header semantics

[…]

**sign\_data\_hiding\_enabled\_flag** equal to 0 specifies that sign bit hiding is disabled. sign\_data\_hiding\_enabled\_flag equal to 1 specifies that sign bit hiding is enabled. When sign\_data\_hiding\_enabled\_flag is not present, it is inferred to be equal to 0.

**cu\_chroma\_qp\_offset\_enabled\_flag** equal to 1 specifies that the cu\_chroma\_qp\_offset\_flag may be present in the transform unit syntax. cu\_chroma\_qp\_offset\_enabled\_flag equal to 0 specifies that the cu\_chroma\_qp\_offset\_flag is not present in the transform unit syntax. When not present, the value of cu\_chroma\_qp\_offset\_enabled\_flag is inferred to be equal to 0.

**deblocking\_filter\_override\_flag** equal to 1 specifies that deblocking parameters are present in the slice header. deblocking\_filter\_override\_flag equal to 0 specifies that deblocking parameters are not present in the slice header. When not present, the value of deblocking\_filter\_override\_flag is inferred to be equal to 0.

[…]