

Converting Colors

Hex(65D1FF)

Have a look what the booklet for
Hex(65D1FF) contains.

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Color

Hex(65D1FF)

Conversions

Conversions Part 1

Format	Color
Hex	65D1FF
RGB	101, 209, 255
RGB Percent	40%, 82%, 100%
CMY	0.6039, 0.1804, 0.0000
CMYK	0.60, 0.18, 0.00, 0.00
HSL	198°, 100%, 70%
HSV	198°, 60%, 100%
XYZ	46.2173, 55.5876, 102.9013
YIQ	181.9520, -79.1340, -8.5900

Conversions

Conversions Part 2

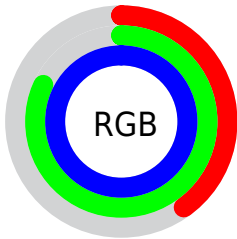
Format	Color
R _Y B	101, 164, 255
Decimal	6672895
CIE Lab	79.38, -17.93, -31.82
CIE LCh	79, 36.528, 240.596
Yxy	55.5876, 0.2258, 0.2715
Android (android.graphics.Color)	4284862975 (0xFF65D1FF)
YUV	181.9520, 36.0127, -70.9949
Hunter-Lab	74.5571, -19.8244, -29.6402

Details

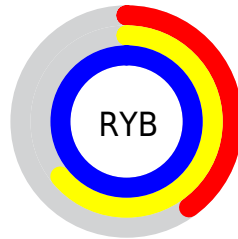
The Hex color **65D1FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FF9365**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **A3FFFF**, and **0C9BC6** is the 20% darker color. If you saturate the color by 10%, you get **4BC9FF**, and if you desaturate by 10%, it is **7ED9FF**.

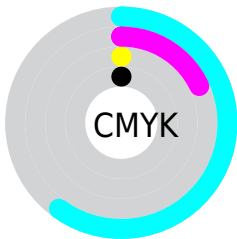
Distribution



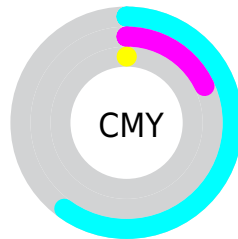
- Red (40%)
- Green (82%)
- Blue (100%)



- Red (40%)
- Yellow (64%)
- Blue (100%)



- Cyan (60%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65D1FF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 65D1FF by changing the saturation by 10% instead.

 65D1FF

 65D1FF

FFFFFF

 42B5E2

 A3FFFF

 0C9BC6

 C2FFFF

 0080AB

 E0FFFF

 006790

 004F76

 00385D

 002345

 00042F

 000119

 65D1FF

 65D1FF

 4BC9FF

 7ED9FF

 32C2FF

 98E0FF

 18BAFF

 B2E8FF

 00B3FF

 CBEFFF

 E4F7FF

FEFFFF

FFFFFF

Harmonies

Analogous

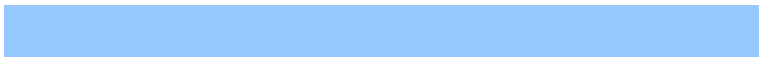
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4FD6E6



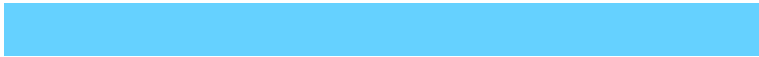
65D1FF



97C8FF

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65D1FF



FFABC5



B7CD89

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65D1FF



FF9365

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



DBC380



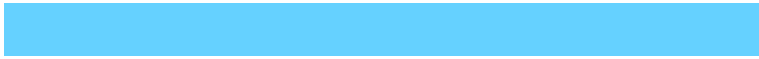
65D1FF



FFAEA4

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65D1FF



F0B0E7



F7B78A



8FD4A2

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65D1FF



BAC0FF



F7B78A



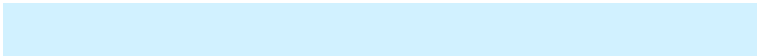
C4CA84

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65D1FF



D1F1FF



65FF91



637780



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65D1FF



47C8FF



6586FF



737C80



0086BF



002D40

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FF65D1



FF47C8



FFDE65



80737C



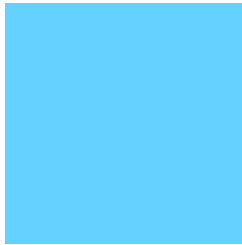
BF0086



40002D

Previews

White Background



This preview shows how the Hex color 65D1FF looks on a white background.

Color Contrast Check

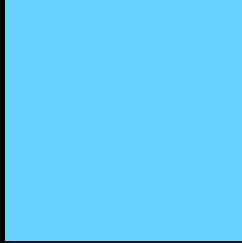
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 65D1FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

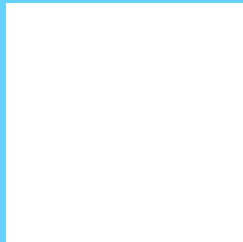
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 65D1FF Background



This preview shows how black text looks on a background with the Hex color 65D1FF.

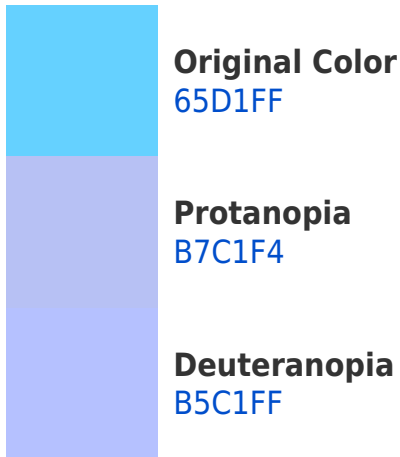


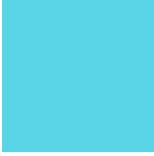
This preview shows how white text looks on a background with the Hex color 65D1FF.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

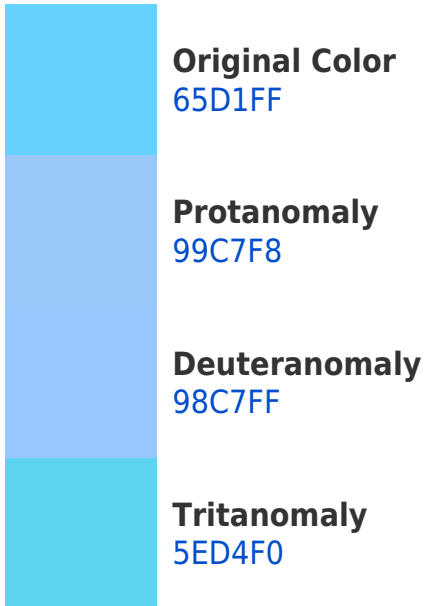
Dichromacy



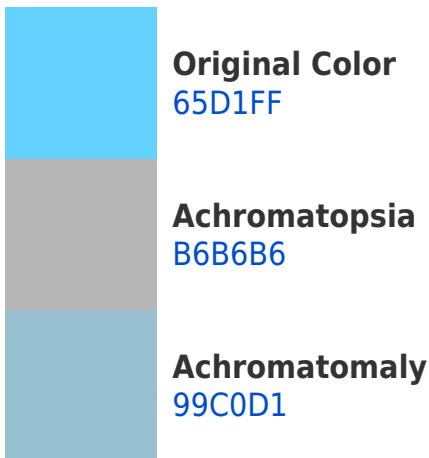


Tritanopia
5AD5E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65D1FF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #65D1FF looks like.

```
.text, #text, p{  
    color:#65D1FF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #65D1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65D1FF
}
```

Border

The CSS property to change the border of an element to Hex 65D1FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#65D1FF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#65D1FF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #65D1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65D1FF; -webkit-box-shadow:4px 4px  
4px 4px #65D1FF; box-shadow:4px 4px 4px  
4px #65D1FF }
```

Background

The CSS property to change the background color of an element to Hex 65D1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65D1FF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#65D1FF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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