

Converting Colors

Hex(64DDFF)

Have a look what the booklet for
Hex(64DDFF) contains.

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Color

Hex(64DDFF)

Conversions

Conversions Part 1

Format	Color
Hex	64DDFF
RGB	100, 221, 255
RGB Percent	39%, 87%, 100%
CMY	0.6078, 0.1333, 0.0000
CMYK	0.61, 0.13, 0.00, 0.00
HSL	193°, 100%, 70%
HSV	193°, 61%, 100%
XYZ	49.1620, 61.6422, 103.9148
YIQ	188.6970, -83.0300, -15.0780

Conversions

Conversions Part 2

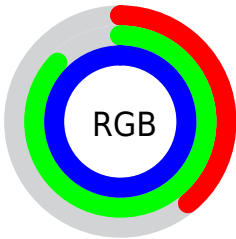
Format	Color
RYB	100, 168, 255
Decimal	6610431
CIELab	82.72, -24.17, -26.70
CIELCh	83, 36.014, 227.846
Yxy	61.6422, 0.2290, 0.2871
Android (android.graphics.Color)	4284800511 (0xFF64DDFF)
YUV	188.6970, 32.6874, -77.7873
Hunter-Lab	78.5126, -25.6262, -23.5141

Details

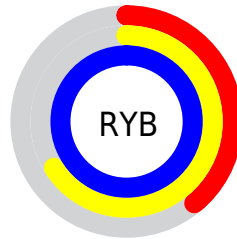
The Hex color **64DDFF** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **FF8664**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **A3FFFF**, and **00A6C6** is the 20% darker color. If you saturate the color by 10%, you get **4BD7FF**, and if you desaturate by 10%, it is **7DE3FF**.

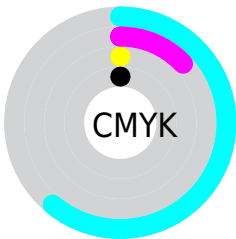
Distribution



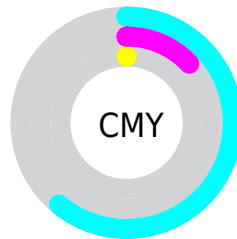
- Red (39%)
- Green (87%)
- Blue (100%)



- Red (39%)
- Yellow (66%)
- Blue (100%)



- Cyan (61%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64DDFF 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 64DDFF by changing the saturation by 10% instead.

 64DDFF

 64DDFF

FFFFFF

 40C1E2

 A3FFFF

 00A6C6

 C2FFFF

 008BAB

 E1FFFF

 007290

 005976

 00415E

 002B46

 00142F

 00011A

■ 64DDFF

■ 64DDFF

■ 4BD7FF

■ 7DE3FF

■ 31D2FF

■ 97E8FF

■ 18CCFF

■ B1EEFF

■ 00C7FF

■ CAF3FF

■ E3F9FF

FDFFFF

FFFFFF

Harmonies

Analogous

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



63E0E1



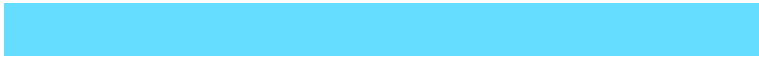
64DDFF



8CD5FF

Triad

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



64DDFF



FFB6DD



D1D28D

Complementary

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



64DDFF



FF8664

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.



F2C78C



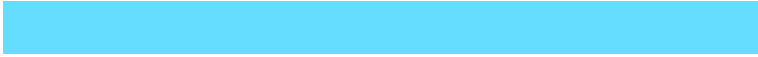
64DDFF



FFB5BB

Square

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



64DDFF



EBBEFC



FFBC9D



AADBA0

Rectangle

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



64DDFF



AECEFF



FFBC9D



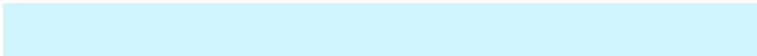
DDCF8A

Sweetspot

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



64DDFF



D1F5FF



64FF86



637980



000000



808080

Same Dimension

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



64DDFF



45D6FF



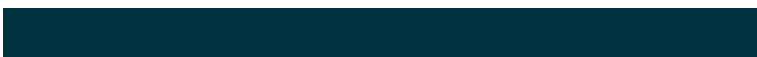
6490FF



737D80



0095BF



003240

Inverse Universe

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



FF64DD



FF45D6



FFD364



80737D



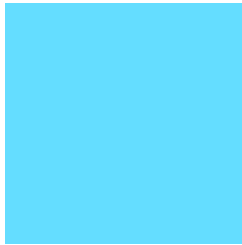
BF0095



400032

Previews

White Background



This preview shows how the Hex color 64DDFF looks on a white background.

Color Contrast Check

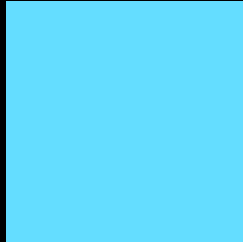
Large Text (above 18pt) WCAG AA × Fail

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 64DDFF 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 64DDFF Background



This preview shows how black text looks on a background with the Hex color 64DDFF.

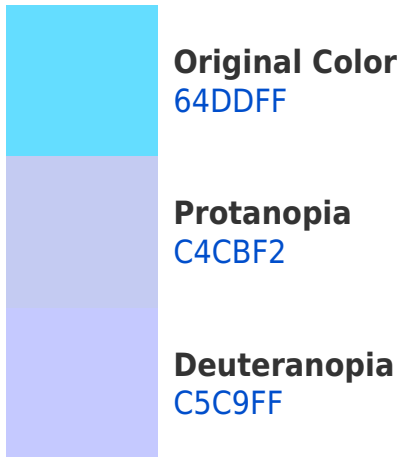


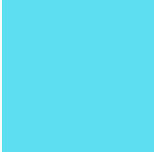
This preview shows how white text looks on a background with the Hex color 64DDFF.

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](#).

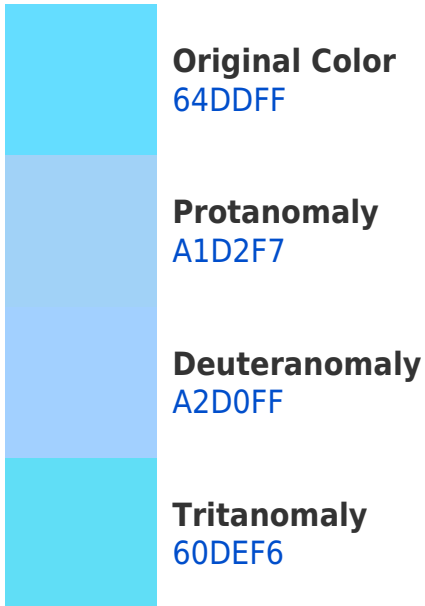
Dichromacy



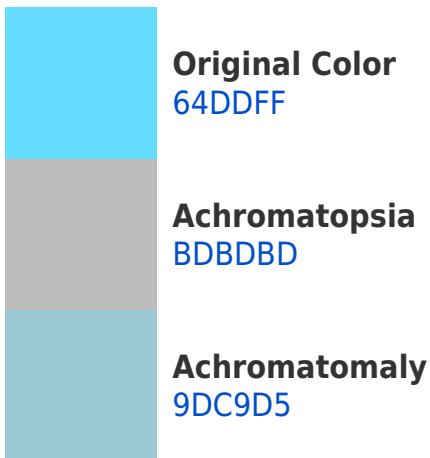


Tritanopia
5EDFF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64DDFF 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 #64DDFF looks like.

```
.text, #text, p{  
    color:#64DDFF  
}
```

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 #64DDFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64DDFF
}
```

Border

The CSS property to change the border of an element to Hex 64DDFF 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
#64DDFF }
```

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

```
.border{ border-color:#64DDFF }
```

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

Here you see how a box with a 4 pixel #64DDFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64DDFF; -webkit-box-shadow:4px 4px  
4px 4px #64DDFF; box-shadow:4px 4px 4px  
4px #64DDFF }
```

Background

The CSS property to change the background color of an element to Hex 64DDFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64DDFF }
```

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

```
.background{ background-color:#64DDFF }
```

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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