

Converting Colors

Hex(63D9FF)

Have a look what the booklet for
Hex(63D9FF) contains.

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Color

Hex(63D9FF)

Conversions

Conversions Part 1

Format	Color
Hex	63D9FF
RGB	99, 217, 255
RGB Percent	39%, 85%, 100%
CMY	0.6118, 0.1490, 0.0000
CMYK	0.61, 0.15, 0.00, 0.00
HSL	195°, 100%, 69%
HSV	195°, 61%, 100%
XYZ	48.0084, 59.4984, 103.5618
YIQ	186.0500, -82.5260, -13.1980

Conversions

Conversions Part 2

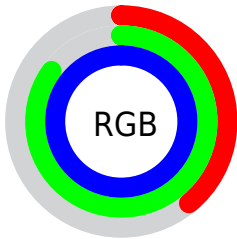
Format	Color
R _Y B	99, 166, 255
Decimal	6543871
CIE Lab	81.56, -22.34, -28.47
CIE LCh	82, 36.192, 231.879
Yxy	59.4984, 0.2275, 0.2819
Android (android.graphics.Color)	4284733951 (0xFF63D9FF)
YUV	186.0500, 33.9924, -76.3428
Hunter-Lab	77.1352, -23.8893, -25.6082

Details

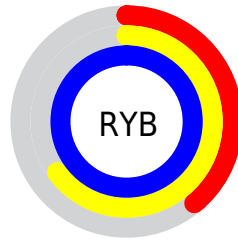
The Hex color **63D9FF** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **FF8963**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **A2FFFF**, and **00A2C6** is the 20% darker color. If you saturate the color by 10%, you get **49D3FF**, and if you desaturate by 10%, it is **7CDFFF**.

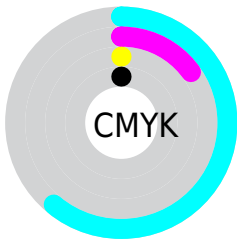
Distribution



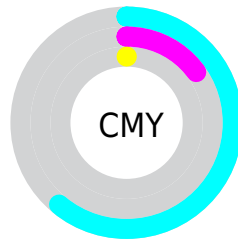
- Red (39%)
- Green (85%)
- Blue (100%)



- Red (39%)
- Yellow (65%)
- Blue (100%)



- Cyan (61%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63D9FF 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 63D9FF by changing the saturation by 10% instead.

 63D9FF

 63D9FF

FFFFFF

 3FBDE2

 A2FFFF

 00A2C6

 C1FFFF

 0088AB

 E0FFFF

 006E90

FEFFFF

 005676

 003E5E

 002846

 000E2F

 00011A

■ 63D9FF

■ 63D9FF

■ 49D3FF

■ 7CDFFF

■ 30CDFF

■ 96E5FF

■ 16C6FF

■ B0ECFF

■ 00C1FF

■ C9F2FF

■ E3F8FF

■ FCFEFF

FFFFFF

Harmonies

Analogous

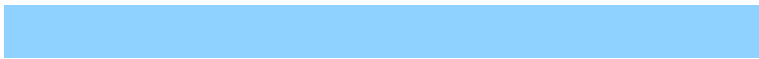
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



5CDDE3



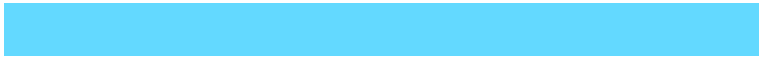
63D9FF



8FD1FF

Triad

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



63D9FF



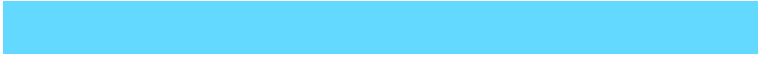
FFB2D5



C9D08B

Complementary

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



63D9FF



FF8963

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.



EBC588



63D9FF



FFB2B3

Square

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



63D9FF



EDBAF5



FFBA97



A2D8A0

Rectangle

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



63D9FF



B2C9FF



FFBA97



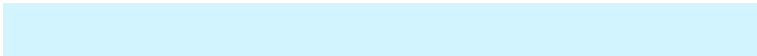
D5CD88

Sweetspot

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



63D9FF



D1F4FF



63FF87



637980



000000



808080

Same Dimension

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



63D9FF



45D2FF



638DFF



737C80



0091BF



003040

Inverse Universe

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



FF63D9



FF45D2



FFD563



80737C



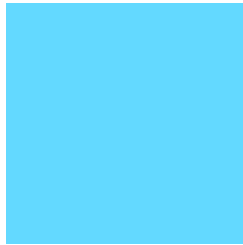
BF0091



400030

Previews

White Background



This preview shows how the Hex color 63D9FF looks on a white background.

Color Contrast Check

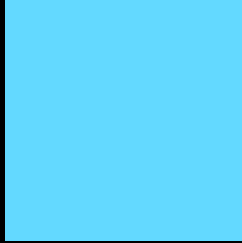
Large Text (above 18pt) WCAG AA × Fail

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 63D9FF 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 63D9FF Background



This preview shows how black text looks on a background with the Hex color 63D9FF.



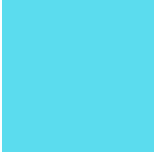
This preview shows how white text looks on a background with the Hex color 63D9FF.

Color Blindness Simulation

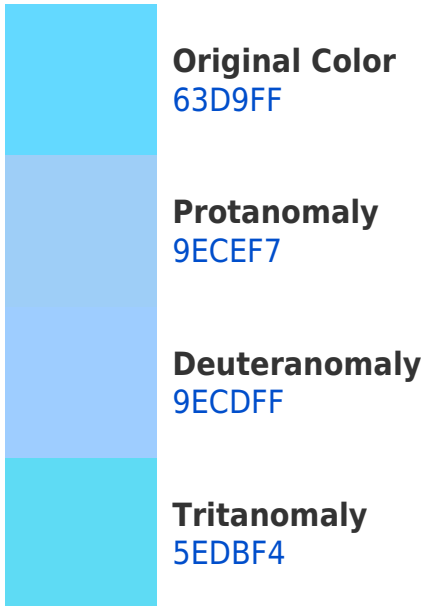
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

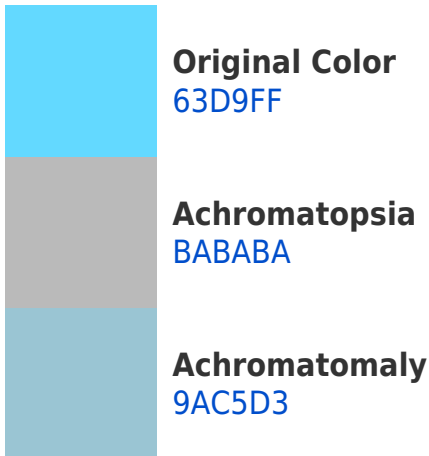




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63D9FF 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 #63D9FF looks like.

```
.text, #text, p{  
    color:#63D9FF  
}
```

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 #63D9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63D9FF
}
```

Border

The CSS property to change the border of an element to Hex 63D9FF 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
#63D9FF }
```

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

```
.border{ border-color:#63D9FF }
```

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

Here you see how a box with a 4 pixel #63D9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63D9FF; -webkit-box-shadow:4px 4px  
4px 4px #63D9FF; box-shadow:4px 4px 4px  
4px #63D9FF }
```

Background

The CSS property to change the background color of an element to Hex 63D9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63D9FF }
```

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

```
.background{ background-color:#63D9FF }
```

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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