

# Converting Colors

Hex(63D6FF)

Have a look what the booklet for  
Hex(63D6FF) contains.

<b>Hex(63D6FF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(63D6FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63D6FF
RGB	99, 214, 255
RGB Percent	39%, 84%, 100%
CMY	0.6118, 0.1608, 0.0000
CMYK	0.61, 0.16, 0.00, 0.00
HSL	196°, 100%, 69%
HSV	196°, 61%, 100%
XYZ	47.2422, 57.9658, 103.3063
YIQ	184.2890, -81.7010, -11.6290

# Conversions

## Conversions Part 2

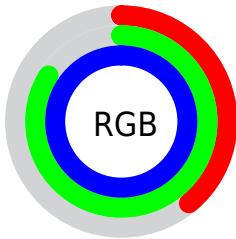
Format	Color
R <sub>Y</sub> B	99, 165, 255
Decimal	6543103
CIE Lab	80.72, -20.83, -29.77
CIE LCh	81, 36.332, 235.017
Yxy	57.9658, 0.2266, 0.2780
Android (android.graphics.Color)	4284733183 (0xFF63D6FF)
YUV	184.2890, 34.8605, -74.7985
Hunter-Lab	76.1353, -22.4769, -27.1547

# Details

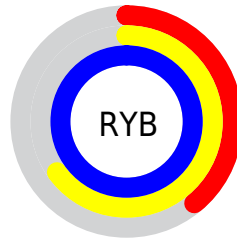
The Hex color **63D6FF** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **FF8C63**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **A2FFFF**, and **009FC6** is the 20% darker color. If you saturate the color by 10%, you get **49CFFF**, and if you desaturate by 10%, it is **7CDDFF**.

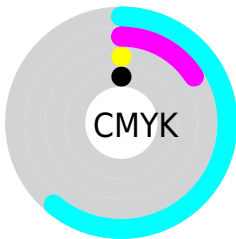
# Distribution



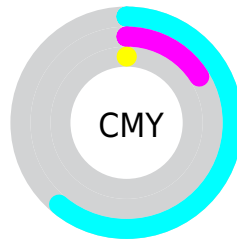
- Red (39%)
- Green (84%)
- Blue (100%)



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



- Cyan (61%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (16%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63D6FF 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 63D6FF by changing the saturation by 10% instead.



 63D6FF

 63D6FF

FFFFFF

 3FBAE2

 A2FFFF

 009FC6

 C1FFFF

 0085AB

 DFFFFF


 006C90

FEFFFF

 005376

 003C5D

 002646

 00092F

 00011A

■ 63D6FF

■ 63D6FF

■ 49CFFF

■ 7CDDFF

■ 30C9FF

■ 96E3FF

■ 16C2FF

■ B0EAFF

■ 00BCFF

■ C9F1FF

■ E3F8FF

■ FCFEFF

FFFFFF

# Harmonies

## Analogous

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



56DAE4



63D6FF



92CDFE

# Triad

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



63D6FF



FFAFCF



C2CF8A

# Complementary

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



63D6FF



FF8C63

# 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.



E5C485



63D6FF



FFB0AD

# Square

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



63D6FF



EEB6F0



FFB992



9BD7A0

# Rectangle

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



63D6FF



B5C6FF



FFB992



CFCC86

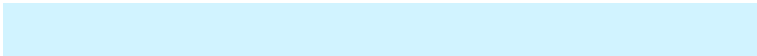


# Sweetspot

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



63D6FF



D1F3FF



63FF8A



637880



000000



808080



# Same Dimension

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



63D6FF



45CEFF



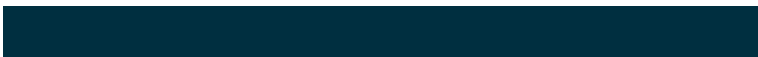
638AFF



737C80



008DBF



002F40



# Inverse Universe

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



FF63D6



FF45CE



FFD863



80737C



BF008D

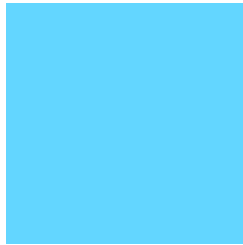


40002F



# Previews

## White Background



This preview shows how the Hex color 63D6FF looks on a white background.

## Color Contrast Check

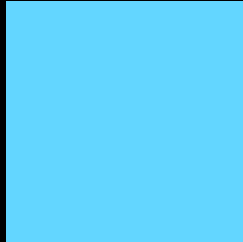
Large Text (above 18pt) WCAG AA × Fail

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 63D6FF 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 63D6FF Background



This preview shows how black text looks on a background with the Hex color 63D6FF.

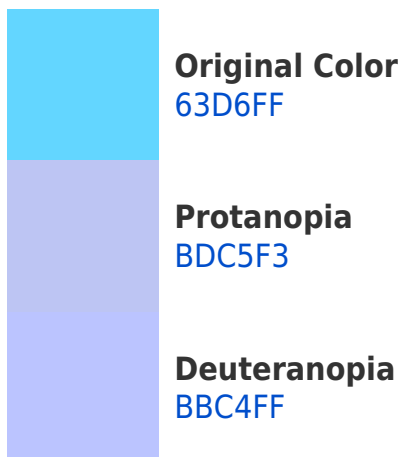


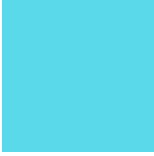
This preview shows how white text looks on a background with the Hex color 63D6FF.

# 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](#).

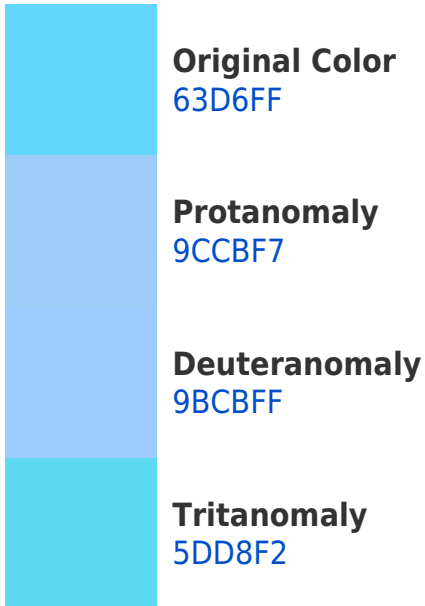
## Dichromacy



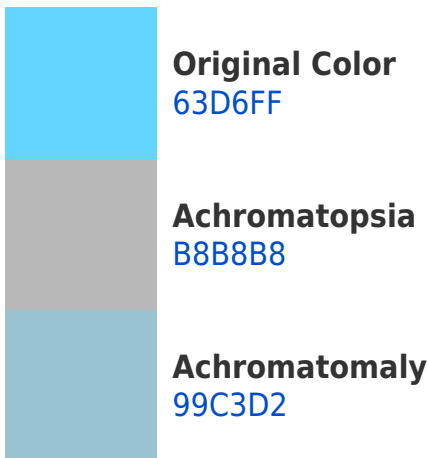


**Tritanopia**  
5AD9EB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63D6FF 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 #63D6FF looks like.

```
.text, #text, p{  
    color:#63D6FF  
}
```

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 #63D6FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63D6FF
}
```

## Border

The CSS property to change the border of an element to Hex 63D6FF 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
#63D6FF }
```

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

```
.border{ border-color:#63D6FF }
```

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

Here you see how a box with a 4 pixel #63D6FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63D6FF; -webkit-box-shadow:4px 4px  
4px 4px #63D6FF; box-shadow:4px 4px 4px  
4px #63D6FF }
```

# Background

The CSS property to change the background color of an element to Hex 63D6FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63D6FF }
```

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

```
.background{ background-color:#63D6FF }
```

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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