

# Converting Colors

Hex(6DDEFD)

Have a look what the booklet for  
Hex(6DDEFD) contains.

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# **Color**

**Hex(6DDEFD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DDEFD
RGB	109, 222, 253
RGB Percent	43%, 87%, 99%
CMY	0.5725, 0.1294, 0.0078
CMYK	0.57, 0.12, 0.00, 0.01
HSL	193°, 97%, 71%
HSV	193°, 57%, 99%
XYZ	50.1576, 62.5856, 102.3652
YIQ	191.7470, -77.2990, -14.3150

# Conversions

## Conversions Part 2

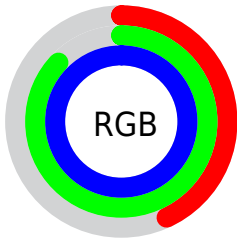
Format	Color
<a href="#">RYB</a>	<a href="#">109, 172, 253</a>
Decimal	<a href="#">7200509</a>
CIELab	<a href="#">83.22, -23.64, -24.85</a>
CIELCh	<a href="#">83, 34.298, 226.433</a>
Yxy	<a href="#">62.5856, 0.2332, 0.2909</a>
Android (android.graphics.Color)	<a href="#">4285390589 (0xFF6DDEFD)</a>
YUV	<a href="#">191.7470, 30.1977, -72.5691</a>
Hunter-Lab	<a href="#">79.1111, -25.2728, -21.3401</a>

# Details

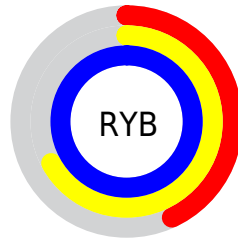
The Hex color **6DDEFD** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **FD8C6D**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **AAFFFF**, and **22A7C4** is the 20% darker color. If you saturate the color by 10%, you get **54D9FD**, and if you desaturate by 10%, it is **86E3FD**.

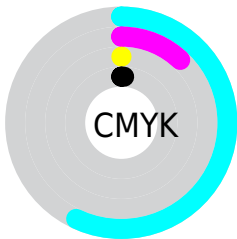
# Distribution



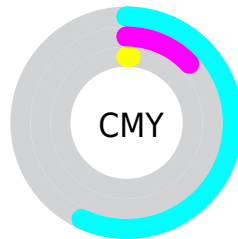
- Red (43%)
- Green (87%)
- Blue (99%)



- Red (43%)
- Yellow (67%)
- Blue (99%)



- Cyan (57%)
- Magenta (12%)
- Yellow (0%)
- Black (1%)



- Cyan (57%)
- Magenta (13%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DDEFD 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 6DDEFD by changing the saturation by 10% instead.



 6DDEFD

FFFFFF

 AAFFFF

 C9FFFF

 E7FFFF

 6DDEFD

 4CC2E0

 22A7C4

 008CA9

 00728E

 005A75

 00425C

 002B44

 00162E

 000119

6DDEFD

6DDEFD

54D9FD

86E3FD

3AD3FD

A0E9FD

21CEF9

B9EEFD

08C8FD

D2F4FD

00C7FD

ECF9FD

FFFFFD

# Harmonies

## Analogous

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



6DE1E0



6DDEFD



90D7FF

# Triad

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



6DDEFD



FFB9DF



D4D391

# Complementary

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



6DDEFD



FD8C6D

# 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.



F3C891



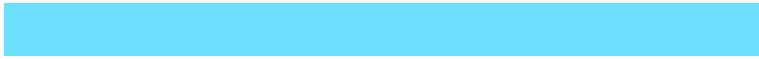
6DDEFD



FFB8BF

# Square

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



6DDEFD



EAC1FC



FFBEA2



AFDBA2

# Rectangle

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



6DDEFD



B0D0FF



FFBEA2



DFD08F

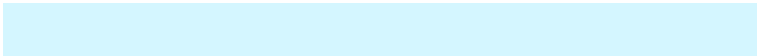


# Sweetspot

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



6DDEFD



D4F6FF



6DFD8A



667A80



000000



808080



# Same Dimension

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



6DDEFD



52DAFF



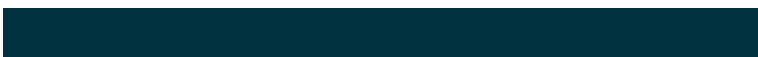
6D98FD



737D80



0096BF



003240



# Inverse Universe

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



FD6DDE



FF52DA



FDD26D



80737D



BF0096

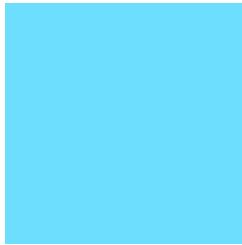


400032



# Previews

## White Background



This preview shows how the Hex color 6DDEFD looks on a white background.

## Color Contrast Check

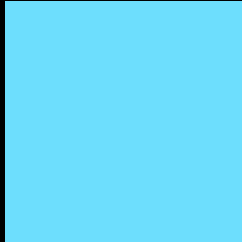
Large Text (above 18pt) WCAG AA × Fail

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 6DDEFD 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 6DDEFD Background



This preview shows how black text looks on a background with the Hex color 6DDEFD.

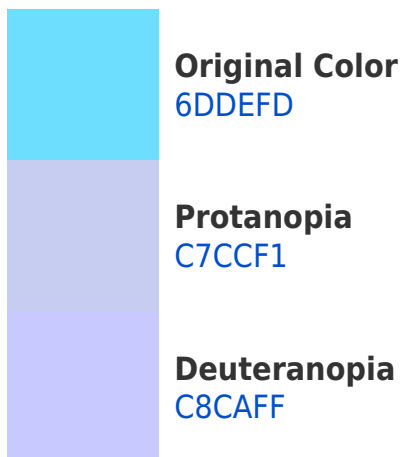


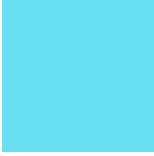
This preview shows how white text looks on a background with the Hex color 6DDEFD.

# 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](#).

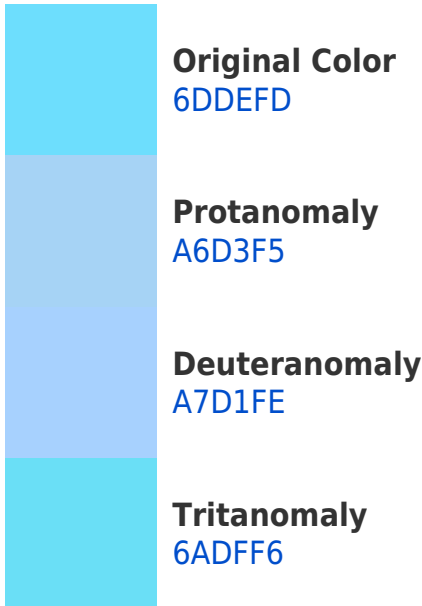
## Dichromacy



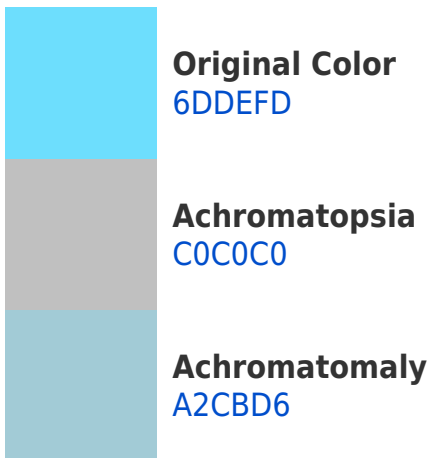


**Tritanopia**  
69E0F2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DDEFD 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 #6DDEFD looks like.

```
.text, #text, p{  
    color:#6DDEFD  
}
```

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 #6DDEFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DDEFD
}
```

## Border

The CSS property to change the border of an element to Hex 6DDEFD 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
#6DDEFD }
```

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

```
.border{ border-color:#6DDEFD }
```

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

Here you see how a box with a 4 pixel #6DDEFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DDEFD; -webkit-box-shadow:4px 4px  
4px 4px #6DDEFD; box-shadow:4px 4px 4px  
4px #6DDEFD }
```

# Background

The CSS property to change the background color of an element to Hex 6DDEFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DDEFD }
```

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

```
.background{ background-color:#6DDEFD }
```

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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