

# Converting Colors

Hex(6DDFC2)

Have a look what the booklet for  
Hex(6DDFC2) contains.

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# **Color**

**Hex(6DDFC2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DDFC2
RGB	109, 223, 194
RGB Percent	43%, 87%, 76%
CMY	0.5725, 0.1255, 0.2392
CMYK	0.51, 0.00, 0.13, 0.13
HSL	165°, 64%, 65%
HSV	165°, 51%, 87%
XYZ	42.4320, 59.9216, 60.3686
YIQ	185.6080, -58.6350, -33.1870

# Conversions

## Conversions Part 2

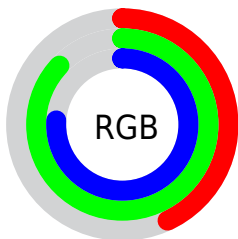
Format	Color
<a href="#">RYB</a>	<a href="#">109, 174, 223</a>
Decimal	<a href="#">7200706</a>
CIELab	<a href="#">81.80, -39.39, 4.31</a>
CIELCh	<a href="#">82, 39.628, 173.757</a>
Yxy	<a href="#">59.9216, 0.2608, 0.3682</a>
Android (android.graphics.Color)	<a href="#">4285390786</a> ( <a href="#">0xFF6DDFC2</a> )
YUV	<a href="#">185.6080, 4.1373, -67.1852</a>
Hunter-Lab	<a href="#">77.4090, -37.6206, 7.9482</a>

# Details

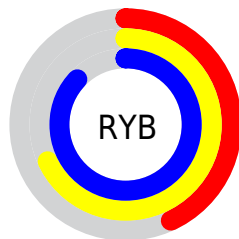
The Hex color **6DDFC2** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DF6D8A**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **A7FFFA**, and **2DA78C** is the 20% darker color. If you saturate the color by 10%, you get **57DFBC**, and if you desaturate by 10%, it is **83DFC8**.

# Distribution



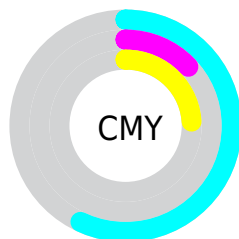
- Red (43%)
- Green (87%)
- Blue (76%)



- Red (43%)
- Yellow (68%)
- Blue (87%)



- Cyan (51%)
- Magenta (0%)
- Yellow (13%)
- Black (13%)



- Cyan (57%)
- Magenta (13%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DDFC2 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 6DDFC2 by changing the saturation by 10% instead.



 6DDFC2

 6DDFC2

FFFFFF

 4FC3A7

 A7FFFA

 2DA78C

 C5FFFF

 008C73

 E2FFFF

 00725A

 005943

 00412D

 002A18

 000C00

 000000

 6DDFC2

 6DDFC2

 57DFBC

 83DFC8

 40DFB7

 9ADFCB

 2ADFB1

 B0DFD3

 14DFAB

 C6DFD9

 00DFA6

 DCDFDE

 F3DFE4

 FFDFFA

 FFDFFB

 FFDFF5

# Harmonies

## Analogous

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



9BDB9E



6DDFC2



46DFE8

# Triad

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



6DDFC2



C5C5FF



FFBA91

# Complementary

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



6DDFC2



DF6D8A

# 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.



FFB1AF



6DDFC2



F3B8F8

# Square

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



6DDFC2



8BD1FF



FFB0D5



ECC681

# Rectangle

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



6DDFC2



47DDFE



FFB0D5



FFB69A

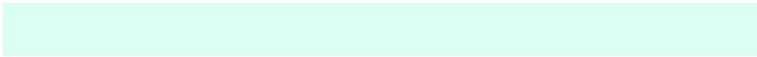


# Sweetspot

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



6DDFC2



D9FFF5



8BDF6D



69807A



000000



808080



# Same Dimension

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



6DDFC2



63FFD7



6DC4DF



65706D



00B083



003024



# Inverse Universe

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



DF6D8A



FF638B



DF886D



706568



B0002D



30000C



# Previews

## White Background



This preview shows how the Hex color 6DDFC2 looks on a white background.

## Color Contrast Check

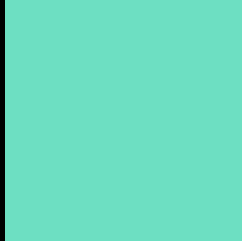
Large Text (above 18pt) WCAG AA × Fail

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 6DDFC2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

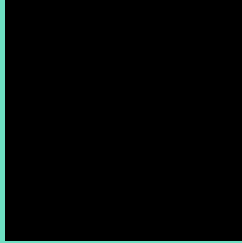
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

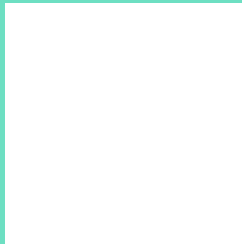
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6DDFC2 Background



This preview shows how black text looks on a background with the Hex color 6DDFC2.



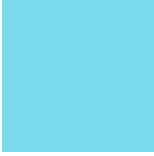
This preview shows how white text looks on a background with the Hex color 6DDFC2.

# 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**  
7AD9EB

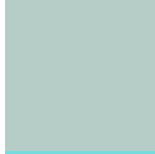
# Trichromacy



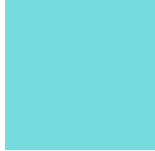
**Original Color**  
6DDFC2



**Protanomaly**  
ADD1BA



**Deuteranomaly**  
B5CDC6



**Tritanomaly**  
75DBDC

# Monochromacy



**Original Color**  
6DDFC2



**Achromatopsia**  
BABABA



**Achromatomaly**  
9EC7BD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DDFC2 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 #6DDFC2 looks like.

```
.text, #text, p{  
    color:#6DDFC2  
}
```

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 #6DDFC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DDFC2
}
```

## Border

The CSS property to change the border of an element to Hex 6DDFC2 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
#6DDFC2 }
```

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

```
.border{ border-color:#6DDFC2 }
```

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

Here you see how a box with a 4 pixel #6DDFC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DDFC2; -webkit-box-shadow:4px 4px  
4px 4px #6DDFC2; box-shadow:4px 4px 4px  
4px #6DDFC2 }
```

# Background

The CSS property to change the background color of an element to Hex 6DDFC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DDFC2 }
```

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

```
.background{ background-color:#6DDFC2 }
```

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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