

# Converting Colors

Hex(47DFC2)

Have a look what the booklet for  
Hex(47DFC2) contains.

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**Color**

**Hex(47DFC2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47DFC2
RGB	71, 223, 194
RGB Percent	28%, 87%, 76%
CMY	0.7216, 0.1255, 0.2392
CMYK	0.68, 0.00, 0.13, 0.13
HSL	169°, 70%, 58%
HSV	169°, 68%, 87%
XYZ	38.7238, 58.0100, 60.1950
YIQ	174.2460, -81.2830, -41.2430

# Conversions

## Conversions Part 2

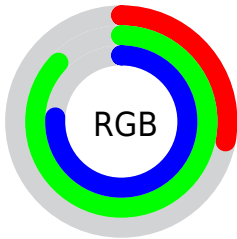
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 155, 223
Decimal	4710338
CIELab	80.74, -46.34, 2.65
CIElCh	81, 46.411, 176.721
Yxy	58.0100, 0.2468, 0.3697
Android (android.graphics.Color)	4282900418 (0xFF47DFC2)
YUV	174.2460, 9.7387, -90.5467
Hunter-Lab	76.1643, -42.5337, 6.4563

# Details

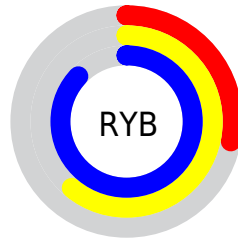
The Hex color **47DFC2** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted cyan. A complement of this color would be **DF4764**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **89FFFA**, and **00A78C** is the 20% darker color. If you saturate the color by 10%, you get **31DFBE**, and if you desaturate by 10%, it is **5DDFC6**.

# Distribution



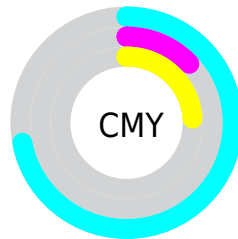
- Red (28%)
- Green (87%)
- Blue (76%)



- Red (28%)
- Yellow (61%)
- Blue (87%)



- Cyan (68%)
- Magenta (0%)
- Yellow (13%)
- Black (13%)



- Cyan (72%)
- Magenta (13%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 47DFC2 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 47DFC2 by changing the saturation by 10% instead.



 47DFC2

 47DFC2

FFFFFF

 16C3A7

 89FFFA

 00A78C

 A8FFFF

 008C73

 C7FFFF

 00725B

 E5FFFF

 005843

 00402D

 002A18

 000500

 000000

 47DFC2

 47DFC2

 31DFBE

 5DDFC6

 1ADFB9

 74DFCB

 04DFB5

 8ADFCF

 00DFB4

 A0DFD3

 B7DFD7

 CDDFDC

 E3DFE0

 F9DFE4

 FFDFE8

# Harmonies

## Analogous

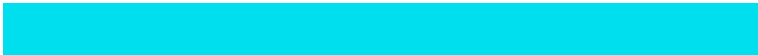
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89DB97



47DFC2



00DFEE

# Triad

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



47DFC2



C6BFFF



FFB581

# Complementary

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



47DFC2



DF4764

# 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.



FFA9A4



47DFC2



FAAFF9

# Square

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



47DFC2



7DCEFF



FFA6CF



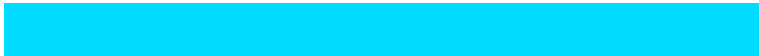
E8C471

# Rectangle

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



47DFC2



00DCFF



FFA6CF



FFB08B

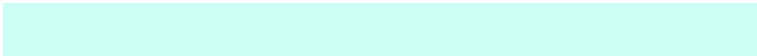


# Sweetspot

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



47DFC2



CCFFF5



65DF47



61807A



000000



808080



# Same Dimension

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



47DFC2



2EFFD7



47B1DF



65706E



00B08E



003027



# Inverse Universe

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



DF4764



FF2E56



DF7547



706567



B00022

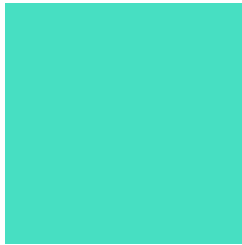


300009



# Previews

## White Background



This preview shows how the Hex color 47DFC2 looks on a white background.

## Color Contrast Check

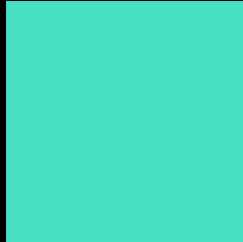
Large Text (above 18pt) WCAG AA × Fail

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 47DFC2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

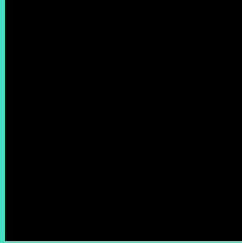
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

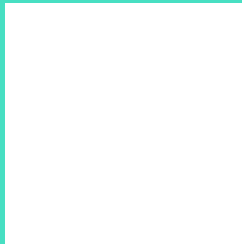
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 47DFC2 Background



This preview shows how black text looks on a background with the Hex color 47DFC2.



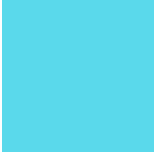
This preview shows how white text looks on a background with the Hex color 47DFC2.

# 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](#).

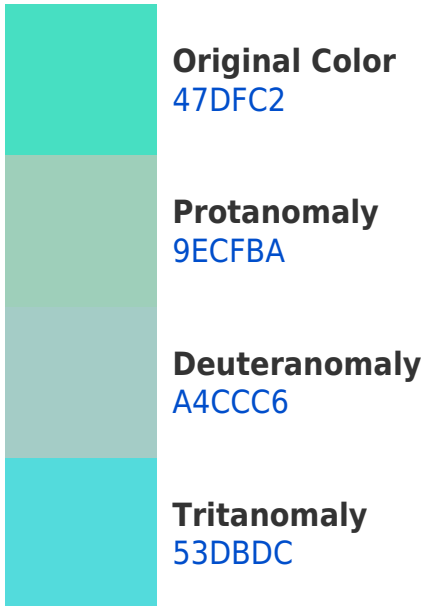
## Dichromacy





**Tritanopia**  
5AD9EB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 47DFC2 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 #47DFC2 looks like.

```
.text, #text, p{  
    color:#47DFC2  
}
```

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 #47DFC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47DFC2
}
```

## Border

The CSS property to change the border of an element to Hex 47DFC2 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
#47DFC2 }
```

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

```
.border{ border-color:#47DFC2 }
```

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

Here you see how a box with a 4 pixel #47DFC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47DFC2; -webkit-box-shadow:4px 4px  
4px 4px #47DFC2; box-shadow:4px 4px 4px  
4px #47DFC2 }
```

# Background

The CSS property to change the background color of an element to Hex 47DFC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47DFC2 }
```

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

```
.background{ background-color:#47DFC2 }
```

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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