

# Converting Colors

Hex(6DC4BF)

Have a look what the booklet for  
Hex(6DC4BF) contains.

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# Color

**Hex(6DC4BF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DC4BF
RGB	109, 196, 191
RGB Percent	43%, 77%, 75%
CMY	0.5725, 0.2314, 0.2510
CMYK	0.44, 0.00, 0.03, 0.23
HSL	177°, 42%, 60%
HSV	177°, 44%, 77%
XYZ	35.4506, 46.4927, 56.3958
YIQ	169.4170, -50.2470, -19.9990

# Conversions

## Conversions Part 2

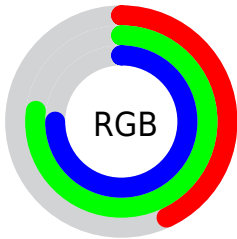
Format	Color
<a href="#">RYB</a>	<a href="#">109, 154, 196</a>
Decimal	<a href="#">7193791</a>
CIELab	<a href="#">73.86, -27.43, -5.68</a>
CIELCh	<a href="#">74, 28.013, 191.697</a>
Yxy	<a href="#">46.4927, 0.2563, 0.3361</a>
Android (android.graphics.Color)	<a href="#">4285383871</a> ( <a href="#">0xFF6DC4BF</a> )
YUV	<a href="#">169.4170, 10.6404, -52.9857</a>
Hunter-Lab	<a href="#">68.1855, -26.5201, -1.3085</a>

# Details

The Hex color **6DC4BF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C46D72**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **A5FDF7**, and **338E8A** is the 20% darker color. If you saturate the color by 10%, you get **59C4BE**, and if you desaturate by 10%, it is **81C4C0**.

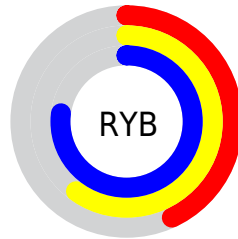
# Distribution



Red (43%)

Green (77%)

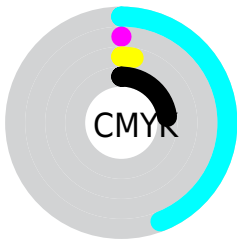
Blue (75%)



Red (43%)

Yellow (60%)

Blue (77%)

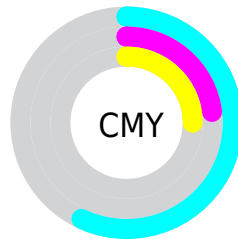


Cyan (44%)

Magenta (0%)

Yellow (3%)

Black (23%)



Cyan (57%)

Magenta (23%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DC4BF 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 6DC4BF by changing the saturation by 10% instead.





6DC4BF



6DC4BF

FFFFFF



51A9A4



A5FDF7



338E8A



C2FFFF



0B7470



DFFFFF



005B58



FDFFFF



004341



002C2B



001716



000000



6DC4BF



6DC4BF

■ 59C4BE

■ 81C4C0

■ 46C4BD

■ 94C4C1

■ 32C4BC

■ A8C4C2

■ 1FC4BA

■ BBC4C4

■ 0BC4B9

■ CFC4C5

■ 00C4B9

■ E3C4C6

■ F6C4C7

■ FFC4C8

■ FFC4C9

# Harmonies

## Analogous

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



84C3A5



6DC4BF



6AC2D7

# Triad

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



6DC4BF



C6ABDC



D6AF85

# Complementary

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



6DC4BF



C46D72

# 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.



E6A794



6DC4BF



DFA5C6

# Square

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



6DC4BF



A4B4E8



E9A3AC



BEB783

# Rectangle

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



6DC4BF



76BFE2



E9A3AC



DDAC89



# Sweetspot

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



6DC4BF



DEFFFD



73C46D



6B807E



000000



808080



# Same Dimension

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



6DC4BF



78FFF7



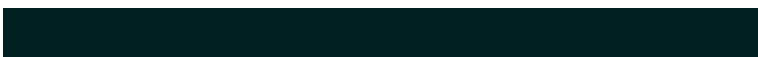
6D9EC4



576160



00A197



00211F



# Inverse Universe

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



C46D72



FF7880



C4936D



615758



A10009

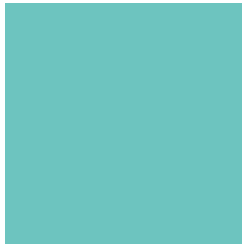


210002



# Previews

## White Background



This preview shows how the Hex color 6DC4BF looks on a white background.

## Color Contrast Check

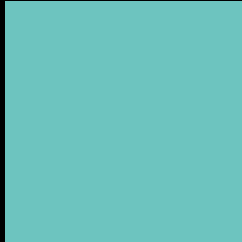
Large Text (above 18pt) WCAG AA × Fail

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 6DC4BF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

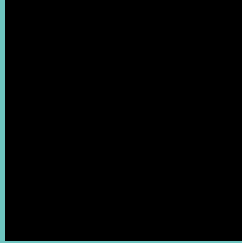
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

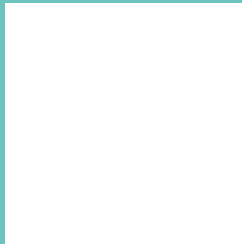
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6DC4BF Background



This preview shows how black text looks on a background with the Hex color 6DC4BF.



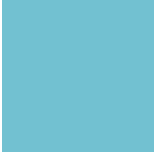
This preview shows how white text looks on a background with the Hex color 6DC4BF.

# 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](#).

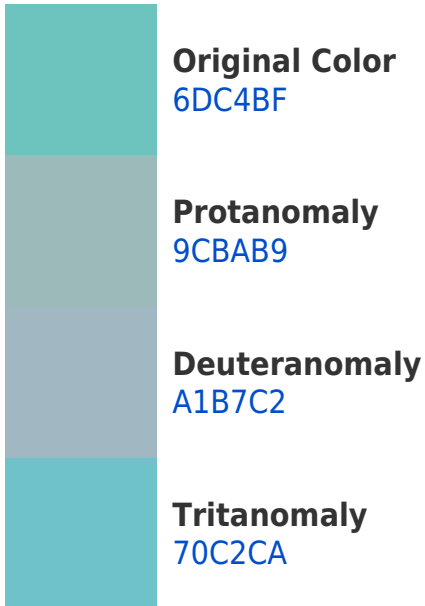
## Dichromacy





**Tritanopia**  
72C1D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DC4BF 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 #6DC4BF looks like.

```
.text, #text, p{  
    color:#6DC4BF  
}
```

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 #6DC4BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DC4BF
}
```

## Border

The CSS property to change the border of an element to Hex 6DC4BF 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
#6DC4BF }
```

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

```
.border{ border-color:#6DC4BF }
```

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

Here you see how a box with a 4 pixel #6DC4BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DC4BF; -webkit-box-shadow:4px 4px  
4px 4px #6DC4BF; box-shadow:4px 4px 4px  
4px #6DC4BF }
```

# Background

The CSS property to change the background color of an element to Hex 6DC4BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DC4BF }
```

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

```
.background{ background-color:#6DC4BF }
```

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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