

Converting Colors

Hex(6FC1B7)

Have a look what the booklet for
Hex(6FC1B7) contains.

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Color

Hex(6FC1B7)

Conversions

Conversions Part 1

Format	Color
Hex	6FC1B7
RGB	111, 193, 183
RGB Percent	44%, 76%, 72%
CMY	0.5647, 0.2431, 0.2824
CMYK	0.42, 0.00, 0.05, 0.24
HSL	173°, 40%, 60%
HSV	173°, 42%, 76%
XYZ	34.1728, 44.9383, 51.6726
YIQ	167.3420, -45.6620, -20.4940

Conversions

Conversions Part 2

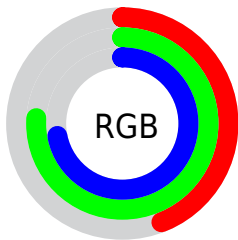
Format	Color
RYB	111, 155, 193
Decimal	7324087
CIELab	72.85, -27.44, -2.81
CIELCh	73, 27.587, 185.847
Yxy	44.9383, 0.2613, 0.3436
Android (android.graphics.Color)	4285514167 (0xFF6FC1B7)
YUV	167.3420, 7.7194, -49.4119
Hunter-Lab	67.0361, -26.3197, 1.2234

Details

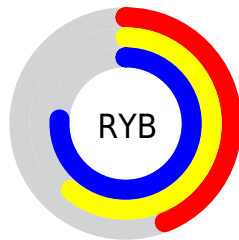
The Hex color **6FC1B7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C16F79**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A7FAEF**, and **378B82** is the 20% darker color. If you saturate the color by 10%, you get **5CC1B5**, and if you desaturate by 10%, it is **82C1B9**.

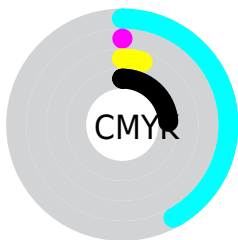
Distribution



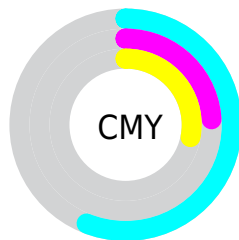
- Red (44%)
- Green (76%)
- Blue (72%)



- Red (44%)
- Yellow (61%)
- Blue (76%)



- Cyan (42%)
- Magenta (0%)
- Yellow (5%)
- Black (24%)



- Cyan (56%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FC1B7 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 6FC1B7 by changing the saturation by 10% instead.



6FC1B7



6FC1B7

FFFFFF



53A69C



A7FAEF



378B82



C3FFFF



157169



E0FFFF



005851

FEFFFF



00413A



002A25



001210



000000



6FC1B7



6FC1B7

 5CC1B5

 82C1B9

 48C1B2

 96C1BC

 35C1B0

 A9C1BE

 22C1AE

 BCC1C0

 0FC1AB

 D0C1C3

 00C1A9

 E3C1C5

 F6C1C7

 FFC1CA

 FFC1CC

Harmonies

Analogous

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



87BF9D



6FC1B7



67C0CF

Triad

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



6FC1B7



BDABDC



D7AA85

Complementary

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



6FC1B7



C16F79

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.



E4A396



6FC1B7



D7A3C8

Square

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



6FC1B7



9AB3E5



E5A0AF



C0B380

Rectangle

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



6FC1B7



70BDDC



E5A0AF



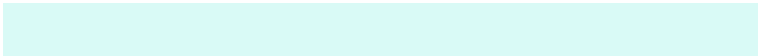
DCA88A

Sweetspot

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



6FC1B7



D9FAF6



7AC16F



697D7B



FCFCFC



7D7D7D

Same Dimension

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



6FC1B7



7AFAEA



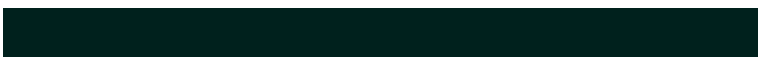
6FA3C1



576160



00A18D



00211D

Inverse Universe

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



C16F79



FA7A8A



C18D6F



615758



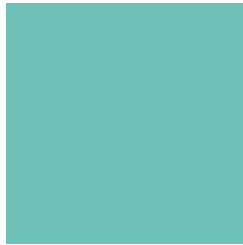
A10014



210004

Previews

White Background



This preview shows how the Hex color 6FC1B7 looks on a white background.

Color Contrast Check

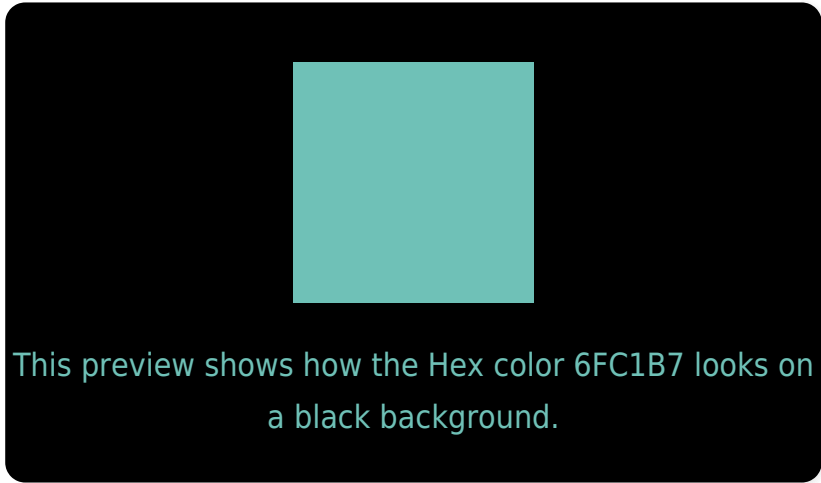
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

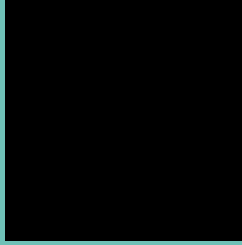
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

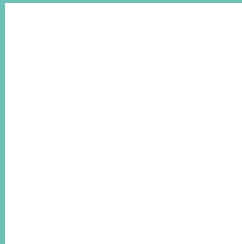
Any Text WCAG AAA ✓ Pass

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

Hex 6FC1B7 Background



This preview shows how black text looks on a background with the Hex color 6FC1B7.

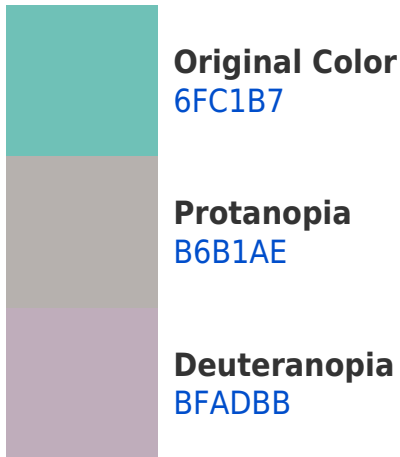


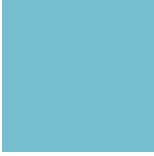
This preview shows how white text looks on a background with the Hex color 6FC1B7.

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
75BECD

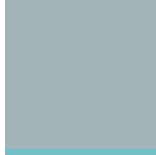
Trichromacy



Original Color
6FC1B7



Protanomaly
9CB7B1



Deuteranomaly
A2B4BA



Tritanomaly
73BFC5

Monochromacy



Original Color
6FC1B7



Achromatopsia
A7A7A7



Achromatomaly
93B0AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 6FC1B7 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 #6FC1B7 looks like.

```
.text, #text, p{  
    color:#6FC1B7  
}
```

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 #6FC1B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FC1B7
}
```

Border

The CSS property to change the border of an element to Hex 6FC1B7 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
#6FC1B7 }
```

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

```
.border{ border-color:#6FC1B7 }
```

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

Here you see how a box with a 4 pixel #6FC1B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FC1B7; -webkit-box-shadow:4px 4px  
4px 4px #6FC1B7; box-shadow:4px 4px 4px  
4px #6FC1B7 }
```

Background

The CSS property to change the background color of an element to Hex 6FC1B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FC1B7 }
```

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

```
.background{ background-color:#6FC1B7 }
```

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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