

Converting Colors

Hex(6FCEA8)

Have a look what the booklet for
Hex(6FCEA8) contains.

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Color

Hex(6FCEA8)

Conversions

Conversions Part 1

Format	Color
Hex	6FCEA8
RGB	111, 206, 168
RGB Percent	44%, 81%, 66%
CMY	0.5647, 0.1922, 0.3412
CMYK	0.46, 0.00, 0.18, 0.19
HSL	156°, 49%, 62%
HSV	156°, 46%, 81%
XYZ	35.6947, 50.3493, 44.8829
YIQ	173.2630, -44.4220, -31.9580

Conversions

Conversions Part 2

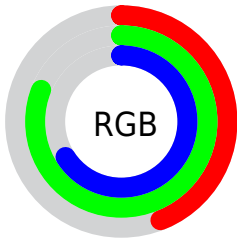
Format	Color
RYB	111, 170, 206
Decimal	7327400
CIELab	76.28, -37.03, 10.26
CIElCh	76, 38.430, 164.511
Yxy	50.3493, 0.2726, 0.3846
Android (android.graphics.Color)	4285517480 (0xFF6FCEA8)
YUV	173.2630, -2.5947, -54.6047
Hunter-Lab	70.9572, -34.3815, 12.1671

Details

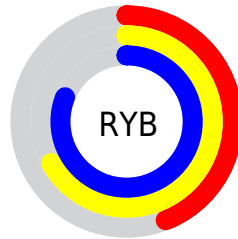
The Hex color **6FCEA8** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CE6F95**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **A7FFDF**, and **369774** is the 20% darker color. If you saturate the color by 10%, you get **5ACEA0**, and if you desaturate by 10%, it is **84CEB0**.

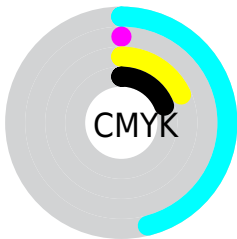
Distribution



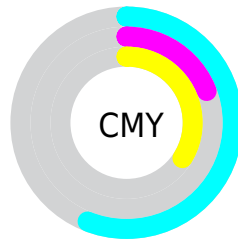
- Red (44%)
- Green (81%)
- Blue (66%)



- Red (44%)
- Yellow (67%)
- Blue (81%)



- Cyan (46%)
- Magenta (0%)
- Yellow (18%)
- Black (19%)



- Cyan (56%)
- Magenta (19%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FCEA8 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 6FCEA8 by changing the saturation by 10% instead.



6FCEA8



6FCEA8

FFFFFF



53B28E



A7FFDF



369774



C4FFFC



107D5B



E1FFFF



006344



004B2D



003319



001E00



000000



6FCEA8



6FCEA8

 5ACEA0

 84CEB0

 46CE98

 98CEB8

 31CE8F

 ADCEC1

 1DCE87

 C1CEC9

 08CE7F

 D6CED1

 00CE7C

 EBCED9

 FFCEE2

 FFCEEA

 FFCEF2

Harmonies

Analogous

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



9BC988



6FCEA8



42CFCD

Triad

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



6FCEA8



A6BAFF



FBA88C

Complementary

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



6FCEA8



CE6F95

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.



FFA1AC



6FCEA8



D6ADEF

Square

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



6FCEA8



6BC5FF



F6A3D0



E4B478

Rectangle

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



6FCEA8



33CEE3



F6A3D0



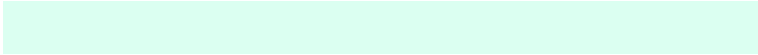
FFA596

Sweetspot

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



6FCEA8



DBFFF1



95CE6F



6A8077



000000



808080

Same Dimension

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



6FCEA8



73FFC7



6FC4CE



5C6662



00A663



002617

Inverse Universe

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



CE6F95



FF73AB



CE796F



665C60



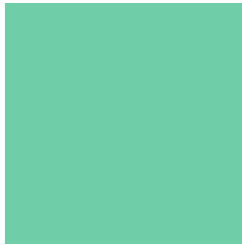
A60042



26000F

Previews

White Background



This preview shows how the Hex color 6FCEA8 looks on a white background.

Color Contrast Check

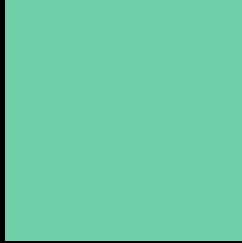
Large Text (above 18pt) WCAG AA × Fail

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 6FCEA8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

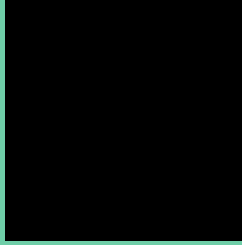
Any Text WCAG AA ✓ Pass

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 6FCEA8 Background



This preview shows how black text looks on a background with the Hex color 6FCEA8.

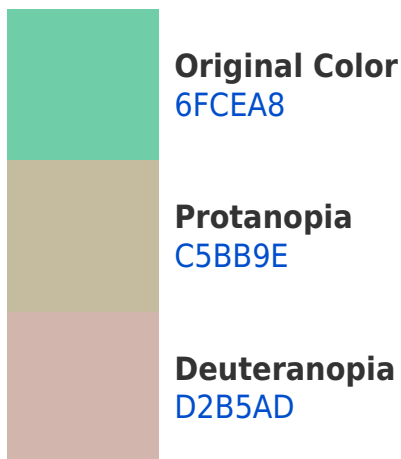


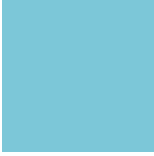
This preview shows how white text looks on a background with the Hex color 6FCEA8.

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](#).

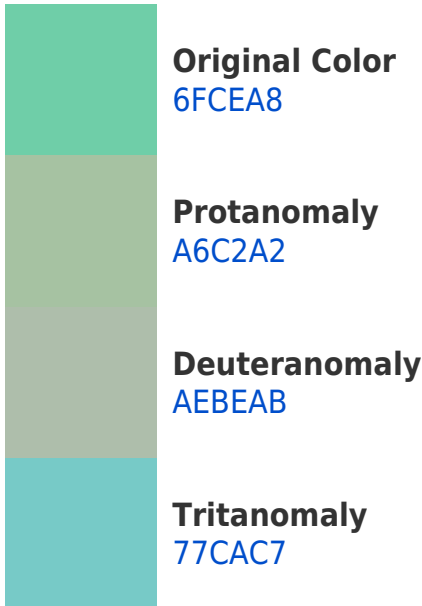
Dichromacy



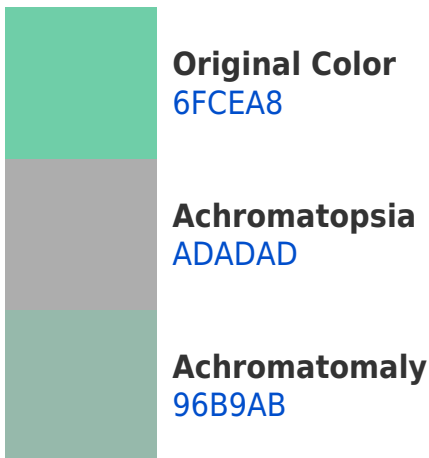


Tritanopia
7CC7D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6FCEA8 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 #6FCEA8 looks like.

```
.text, #text, p{  
    color:#6FCEA8  
}
```

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 #6FCEA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FCEA8
}
```

Border

The CSS property to change the border of an element to Hex 6FCEA8 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
#6FCEA8 }
```

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

```
.border{ border-color:#6FCEA8 }
```

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

Here you see how a box with a 4 pixel #6FCEA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FCEA8; -webkit-box-shadow:4px 4px  
4px 4px #6FCEA8; box-shadow:4px 4px 4px  
4px #6FCEA8 }
```

Background

The CSS property to change the background color of an element to Hex 6FCEA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FCEA8 }
```

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

```
.background{ background-color:#6FCEA8 }
```

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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