

Converting Colors

Hex(6FE1A8)

Have a look what the booklet for
Hex(6FE1A8) contains.

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Color

Hex(6FE1A8)

Conversions

Conversions Part 1

Format	Color
Hex	6FE1A8
RGB	111, 225, 168
RGB Percent	44%, 88%, 66%
CMY	0.5647, 0.1176, 0.3412
CMYK	0.51, 0.00, 0.25, 0.12
HSL	150°, 66%, 66%
HSV	150°, 51%, 88%
XYZ	40.5486, 60.0571, 46.5008
YIQ	184.4160, -49.6470, -41.8950

Conversions

Conversions Part 2

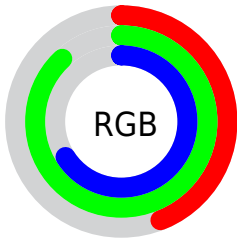
Format	Color
RYB	111, 187, 225
Decimal	7332264
CIELab	81.87, -45.45, 18.13
CIElCh	82, 48.932, 158.257
Yxy	60.0571, 0.2756, 0.4083
Android (android.graphics.Color)	4285522344 (0xFF6FE1A8)
YUV	184.4160, -8.0931, -64.3858
Hunter-Lab	77.4965, -42.2220, 18.6713

Details

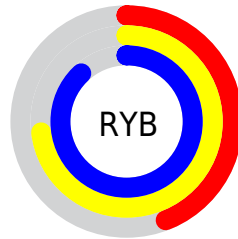
The Hex color **6FE1A8** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E16FA8**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **A9FFDF**, and **31A974** is the 20% darker color. If you saturate the color by 10%, you get **59E19D**, and if you desaturate by 10%, it is **86E1B3**.

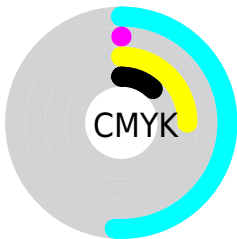
Distribution



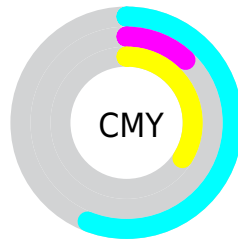
- Red (44%)
- Green (88%)
- Blue (66%)



- Red (44%)
- Yellow (73%)
- Blue (88%)



- Cyan (51%)
- Magenta (0%)
- Yellow (25%)
- Black (12%)



- Cyan (56%)
- Magenta (12%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FE1A8 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 6FE1A8 by changing the saturation by 10% instead.

 6FE1A8

 6FE1A8

FFFFFF

 51C58D

 A9FFDF

 31A974

 C6FFFC

 008E5B

 E4FFFF

 007443

 005A2D

 004217

 002C00

 000D00

 000000

 6FE1A8

 6FE1A8

 59E19D

 86E1B3

 42E192

 9CE1BF

 2CE186

 B3E1CA

 15E17B

 C9E1D5

 00E171

 E0E1E0

 F6E1EB

 FFE1F7

 FFE1FF

Harmonies

Analogous

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



ABD981



6FE1A8



00E4D7

Triad

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



6FE1A8



9BCCFF



FFAE95

Complementary

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



6FE1A8



E16FA8

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.



FFA7C0



6FE1A8



E1BBFF

Square

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



6FE1A8



32D9FF



FFACEF



FFBD77

Rectangle

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



6FE1A8



00E3F5



FFACEF



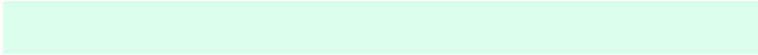
FFAAA3

Sweetspot

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



6FE1A8



D9FFEC



A8E16F



698074



000000



808080

Same Dimension

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



6FE1A8



63FFB1



6FE1E1



65706B



00B058



003018

Inverse Universe

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



E16FA8



FF63B1



E16F6F



70656B



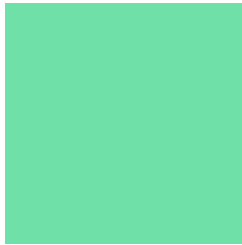
B00058



300018

Previews

White Background



This preview shows how the Hex color 6FE1A8 looks on a white background.

Color Contrast Check

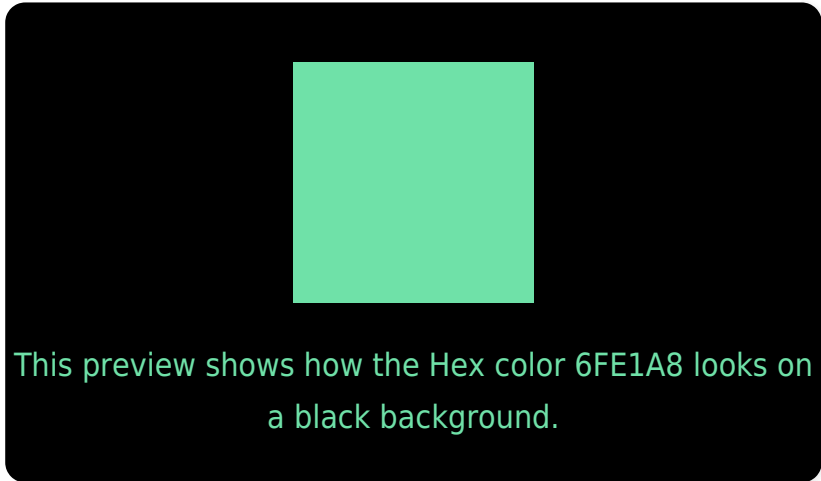
Large Text (above 18pt) WCAG AA × Fail

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

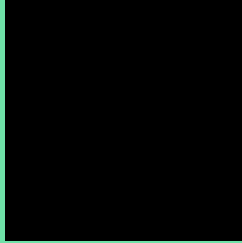
Any Text WCAG AA ✓ Pass

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 6FE1A8 Background



This preview shows how black text looks on a background with the Hex color 6FE1A8.

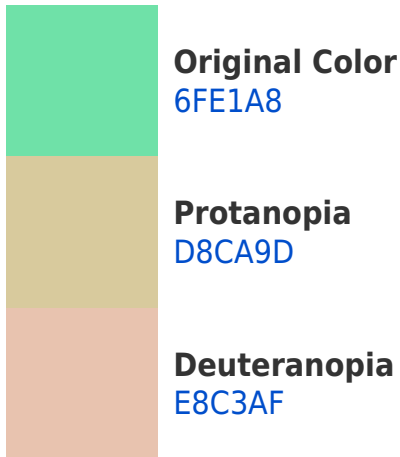


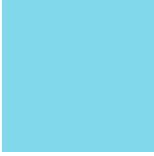
This preview shows how white text looks on a background with the Hex color 6FE1A8.

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
81D8EA

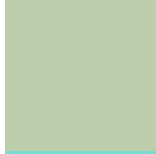
Trichromacy



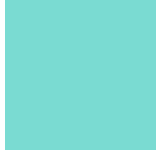
Original Color
6FE1A8



Protanomaly
B2D2A1



Deuteranomaly
BCCEAC

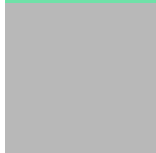


Tritanomaly
7ADBD2

Monochromacy



Original Color
6FE1A8



Achromatopsia
B8B8B8



Achromatomaly
9DC7B2

CSS Examples

Text

The CSS property to change the color of the text to Hex 6FE1A8 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 #6FE1A8 looks like.

```
.text, #text, p{  
    color:#6FE1A8  
}
```

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 #6FE1A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FE1A8 }  
}
```

Border

The CSS property to change the border of an element to Hex 6FE1A8 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 #6FE1A8 }  
}
```

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

```
.border{ border-color:#6FE1A8 }
```

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

Here you see how a box with a 4 pixel #6FE1A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FE1A8; -webkit-box-shadow:4px 4px  
4px 4px #6FE1A8; box-shadow:4px 4px 4px  
4px #6FE1A8 }
```

Background

The CSS property to change the background color of an element to Hex 6FE1A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FE1A8 }
```

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

```
.background{ background-color:#6FE1A8 }
```

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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