

Converting Colors

Hex(6FE8A0)

Have a look what the booklet for
Hex(6FE8A0) contains.

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Color

Hex(6FE8A0)

Conversions

Conversions Part 1

Format	Color
Hex	6FE8A0
RGB	111, 232, 160
RGB Percent	44%, 91%, 63%
CMY	0.5647, 0.0902, 0.3725
CMYK	0.52, 0.00, 0.31, 0.09
HSL	144°, 72%, 67%
HSV	144°, 52%, 91%
XYZ	41.7573, 63.6308, 43.3388
YIQ	187.6130, -49.0040, -48.0440

Conversions

Conversions Part 2

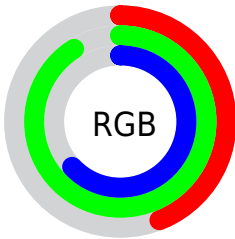
Format	Color
RYB	111, 197, 232
Decimal	7334048
CIELab	83.77, -49.95, 24.90
CIElCh	84, 55.817, 153.502
Yxy	63.6308, 0.2808, 0.4278
Android (android.graphics.Color)	4285524128 (0xFF6FE8A0)
YUV	187.6130, -13.6132, -67.1896
Hunter-Lab	79.7689, -46.1547, 23.6257

Details

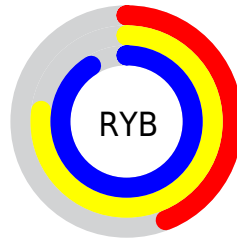
The Hex color **6FE8A0** is a light color, and the websafe version is hex **33CC99**. A complement of this color would be **E86FB7**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **AAFFD7**, and **2FAF6C** is the 20% darker color. If you saturate the color by 10%, you get **58E892**, and if you desaturate by 10%, it is **86E8AE**.

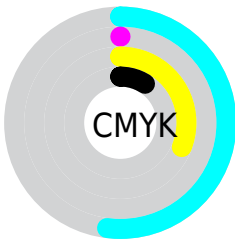
Distribution



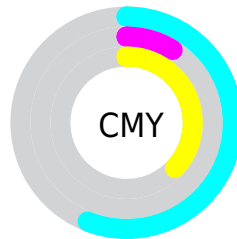
- Red (44%)
- Green (91%)
- Blue (63%)



- Red (44%)
- Yellow (77%)
- Blue (91%)



- Cyan (52%)
- Magenta (0%)
- Yellow (31%)
- Black (9%)



- Cyan (56%)
- Magenta (9%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FE8A0 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 6FE8A0 by changing the saturation by 10% instead.

 6FE8A0

 6FE8A0

FFFFFF

 51CB86

 AAFFD7

 2FAF6C

 C7FFF4

 009453

 E5FFFF

 007A3C

 006025

 00470E

 003000

 001600

 000000

 6FE8A0

 6FE8A0

 58E892

 86E8AE

 41E884

 9DE8BC

 29E877

 B5E8C9

 12E869

 CCE8D7

 00E85E

 E3E8E5

 FAE8F3

 FFE8FF

Harmonies

Analogous

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



B4DF76



6FE8A0



00ECD6

Triad

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



6FE8A0



83D4FF



FFAC9A

Complementary

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



6FE8A0



E86FB7

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.



FFA5CD



6FE8A0



DDC1FF

Square

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



6FE8A0



00E3FF



FFAEFF



FFBD73

Rectangle

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



6FE8A0



00EBF9



FFAEFF



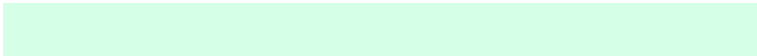
FFA8AA

Sweetspot

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



6FE8A0



D6FFE7



B8E86F



678071



000000



808080

Same Dimension

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



6FE8A0



5EFF9F



6FE8DC



67736C



00B348



003315

Inverse Universe

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



E86FB7



FF5EBE



E86F7B



73676E



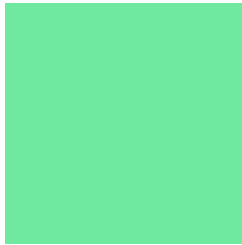
B3006A



33001E

Previews

White Background



This preview shows how the Hex color 6FE8A0 looks on a white background.

Color Contrast Check

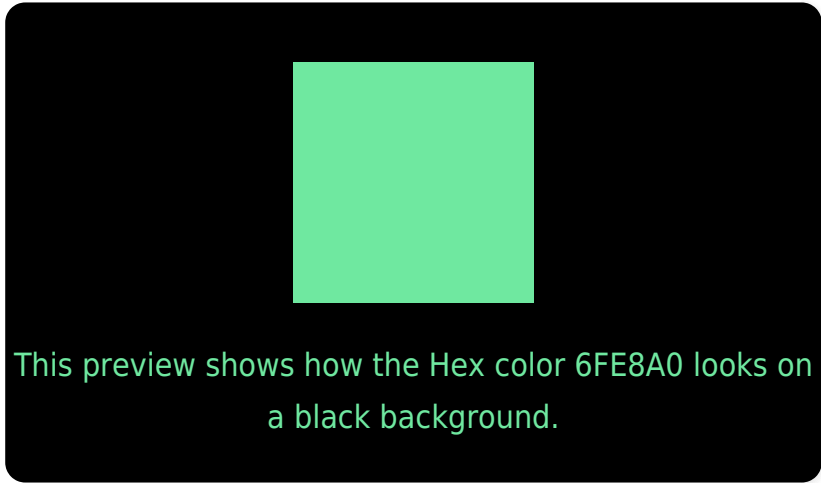
Large Text (above 18pt) WCAG AA × Fail

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

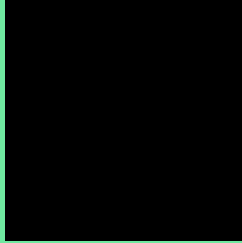
Any Text WCAG AA ✓ Pass

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 6FE8A0 Background



This preview shows how black text looks on a background with the Hex color 6FE8A0.

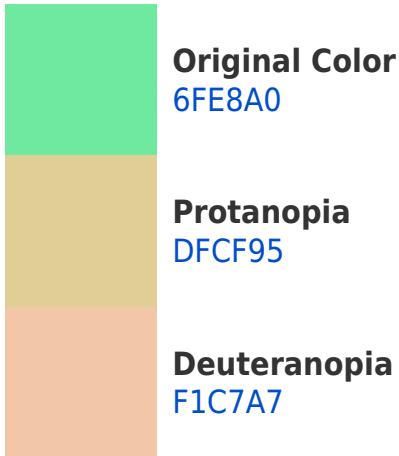


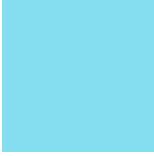
This preview shows how white text looks on a background with the Hex color 6FE8A0.

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



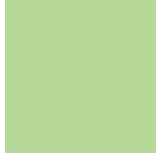


Tritanopia
84DEF0

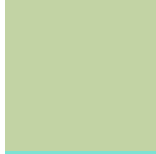
Trichromacy



Original Color
6FE8A0



Protanomaly
B6D899



Deuteranomaly
C2D3A4

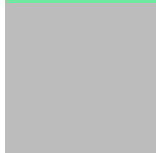


Tritanomaly
7CE2D3

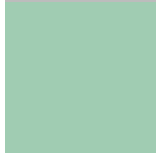
Monochromacy



Original Color
6FE8A0



Achromatopsia
BCBCBC



Achromatomaly
A0CCB2

CSS Examples

Text

The CSS property to change the color of the text to Hex 6FE8A0 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 #6FE8A0 looks like.

```
.text, #text, p{  
    color:#6FE8A0  
}
```

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 #6FE8A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FE8A0
}
```

Border

The CSS property to change the border of an element to Hex 6FE8A0 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
#6FE8A0 }
```

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

```
.border{ border-color:#6FE8A0 }
```

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

Here you see how a box with a 4 pixel #6FE8A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FE8A0; -webkit-box-shadow:4px 4px  
4px 4px #6FE8A0; box-shadow:4px 4px 4px  
4px #6FE8A0 }
```

Background

The CSS property to change the background color of an element to Hex 6FE8A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FE8A0 }
```

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

```
.background{ background-color:#6FE8A0 }
```

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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