

# Converting Colors

Hex(6FDEA0)

Have a look what the booklet for  
Hex(6FDEA0) contains.

|  |    |
|--|----|
| <b>Hex(6FDEA0)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

**Hex(6FDEA0)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 6FDEA0                       |
| RGB         | 111, 222, 160                |
| RGB Percent | 44%, 87%, 63%                |
| CMY         | 0.5647, 0.1294, 0.3725       |
| CMYK        | 0.50, 0.00, 0.28, 0.13       |
| HSL         | 146°, 63%, 65%               |
| HSV         | 146°, 50%, 87%               |
| XYZ         | 39.0220, 58.1601, 42.4271    |
| YIQ         | 181.7430, -46.2540, -42.8140 |

# Conversions

## Conversions Part 2

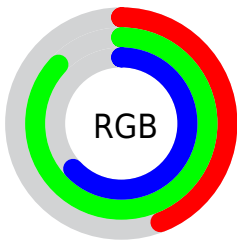
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">111, 188, 222</a>                    |
| Decimal                             | <a href="#">7331488</a>                          |
| CIELab                              | <a href="#">80.83, -45.75, 20.86</a>             |
| CIELCh                              | <a href="#">81, 50.279, 155.483</a>              |
| Yxy                                 | <a href="#">58.1601, 0.2795,<br/>0.4166</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4285521568<br/>(0xFF6FDEA0)</a>      |
| YUV                                 | <a href="#">181.7430, -10.7193,<br/>-62.0416</a> |
| Hunter-Lab                          | <a href="#">76.2628, -42.1254,<br/>20.3993</a>   |

# Details

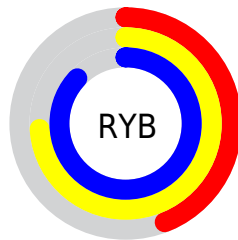
The Hex color **6FDEA0** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DE6FAD**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **A9FFD7**, and **32A66C** is the 20% darker color. If you saturate the color by 10%, you get **59DE94**, and if you desaturate by 10%, it is **85DEAC**.

# Distribution



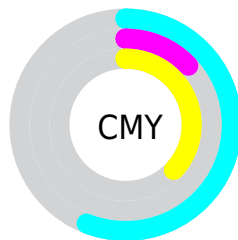
- Red (44%)
- Green (87%)
- Blue (63%)



- Red (44%)
- Yellow (74%)
- Blue (87%)



- Cyan (50%)
- Magenta (0%)
- Yellow (28%)
- Black (13%)



- Cyan (56%)
- Magenta (13%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FDEA0 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 6FDEA0 by changing the saturation by 10% instead.



 6FDEA0

 6FDEA0

FFFFFF

 52C286

 A9FFD7

 32A66C

 C6FFF3

 008B54

 E3FFFF

 00713C

 005826

 003F10

 002A00

 000600

 000000

 6FDEA0

 6FDEA0

 59DE94

 85DEAC

 43DE87

 9BDEB9

 2CDE7B

 B2DEC5

 16DE6E

 C8DED2

 00DE62

 DEDEDE

 F4DEEA

 FFDEF7

 FFDEFF

# Harmonies

## Analogous

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



ACD67A



6FDEA0



00E1D0

# Triad

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



6FDEA0



8DCBFF



FFA994

# Complementary

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



6FDEA0



DE6FAD

# 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.



FFA2C2



6FDEA0



D9B9FF

# Square

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



6FDEA0



00D8FF



FFA9F1



FFB874

# Rectangle

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



6FDEA0



00E1F0



FFA9F1



FFA5A3

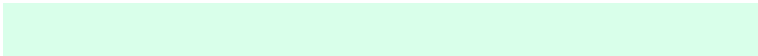


# Sweetspot

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



6FDEA0



D9FFEA



AEDE6F



698073



000000



808080



# Same Dimension

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



6FDEA0



66FFAA



6FDED7



65706A



00B04E



003015



# Inverse Universe

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



DE6FAD



FF66BB



DE6F76



70656B



B00062

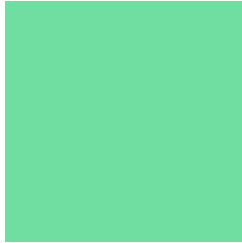


30001B



# Previews

## White Background



This preview shows how the Hex color 6FDEA0 looks on a white background.

## Color Contrast Check

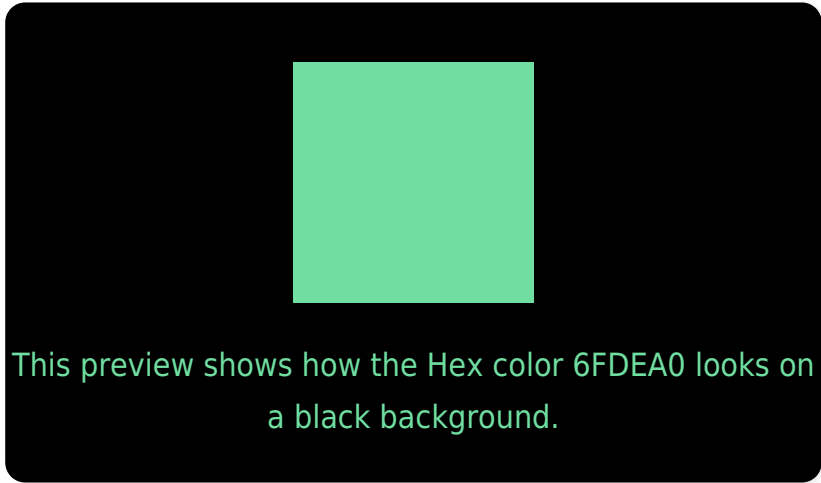
Large Text (above 18pt) WCAG AA × Fail

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

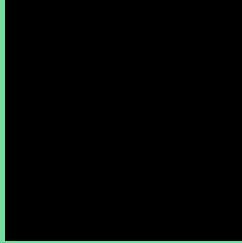
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6FDEA0 Background



This preview shows how black text looks on a background with the Hex color 6FDEA0.

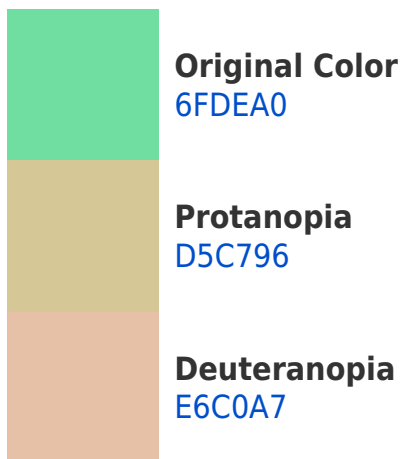


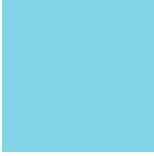
This preview shows how white text looks on a background with the Hex color 6FDEA0.

# 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**  
81D5E6

# Trichromacy



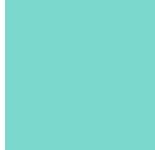
**Original Color**  
6FDEA0



**Protanomaly**  
B0CF9A



**Deuteranomaly**  
BBCBA4



**Tritanomaly**  
7AD8CD

# Monochromacy



**Original Color**  
6FDEA0



**Achromatopsia**  
B6B6B6



**Achromatomaly**  
9CC5AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FDEA0 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 #6FDEA0 looks like.

```
.text, #text, p{  
    color:#6FDEA0  
}
```

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 #6FDEA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FDEA0
}
```

## Border

The CSS property to change the border of an element to Hex 6FDEA0 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
#6FDEA0 }
```

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

```
.border{ border-color:#6FDEA0 }
```

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

Here you see how a box with a 4 pixel #6FDEA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FDEA0; -webkit-box-shadow:4px 4px  
4px 4px #6FDEA0; box-shadow:4px 4px 4px  
4px #6FDEA0 }
```

# Background

The CSS property to change the background color of an element to Hex 6FDEA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FDEA0 }
```

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

```
.background{ background-color:#6FDEA0 }
```

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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