

# Converting Colors

Hex(60BDA4)

Have a look what the booklet for  
Hex(60BDA4) contains.

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# Color

**Hex(60BDA4)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 60BDA4                       |
| RGB         | 96, 189, 164                 |
| RGB Percent | 38%, 74%, 64%                |
| CMY         | 0.6235, 0.2588, 0.3569       |
| CMYK        | 0.49, 0.00, 0.13, 0.26       |
| HSL         | 164°, 41%, 56%               |
| HSV         | 164°, 49%, 74%               |
| XYZ         | 29.7223, 41.5623, 41.5778    |
| YIQ         | 158.3430, -47.4030, -27.4910 |

# Conversions

## Conversions Part 2

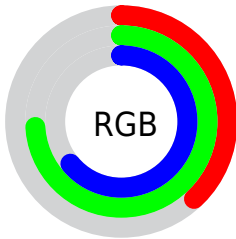
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 96, 150, 189                  |
| Decimal                             | 6340004                       |
| CIELab                              | 70.57, -33.76, 4.16           |
| CIElCh                              | 71, 34.015, 172.981           |
| Yxy                                 | 41.5623, 0.2633,<br>0.3683    |
| Android<br>(android.graphics.Color) | 4284530084<br>(0xFF60BDA4)    |
| YUV                                 | 158.3430, 2.7889,<br>-54.6748 |
| Hunter-Lab                          | 64.4688, -30.5260,<br>6.8904  |

# Details

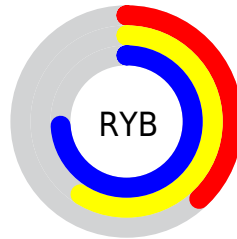
The Hex color **60BDA4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BD6079**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **98F6DB**, and **248770** is the 20% darker color. If you saturate the color by 10%, you get **4DBD9F**, and if you desaturate by 10%, it is **73BDA9**.

# Distribution



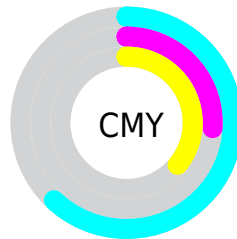
- Red (38%)
- Green (74%)
- Blue (64%)



- Red (38%)
- Yellow (59%)
- Blue (74%)



- Cyan (49%)
- Magenta (0%)
- Yellow (13%)
- Black (26%)



- Cyan (62%)
- Magenta (26%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60BDA4 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 60BDA4 by changing the saturation by 10% instead.



 60BDA4

 60BDA4

FFFFFF

 43A28A

 98F6DB

 248770

 B5FFF7

 006D58

 D1FFFF

 005441

 EFFFFFF

 003C2B

 002716

 000400

 000000

 60BDA4

 60BDA4

■ 4DBD9F

■ 73BDA9

■ 3ABD9A

■ 86BDAE

■ 27BD95

■ 99BDB3

■ 14BD90

■ ACBDB8

■ 01BD8B

■ BFBDBD

■ 00BD8A

■ D1BDC2

■ E4BDC8

■ F7BDCD

■ FFBDD2

# Harmonies

## Analogous

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



86B986



60BDA4



42BDC4

# Triad

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



60BDA4



A6A7E5



DF9E7C

# Complementary

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



60BDA4



BD6079

# 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.



EA9696



60BDA4



CD9CD2

# Square

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



60BDA4



77B2E9



E496B5



C8A86F

# Rectangle

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



60BDA4



42BBD6



E496B5



E49B84



# Sweetspot

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



60BDA4



D0F5EB



7ABD60



647A74



FAFAFA



7A7A7A



# Same Dimension

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



60BDA4



64F5CE



60A9BD



555E5C



009E74



001F16



# Inverse Universe

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



BD6079



F5648B



BD7460



5E5557



9E002B



1F0008



# Previews

## White Background



This preview shows how the Hex color 60BDA4 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 60BDA4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

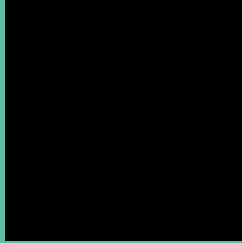
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

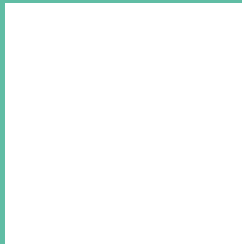
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 60BDA4 Background



This preview shows how black text looks on a background with the Hex color 60BDA4.

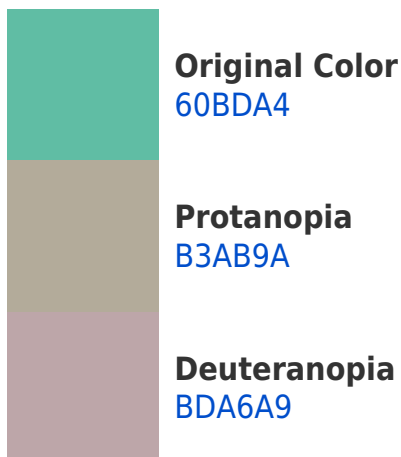


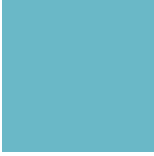
This preview shows how white text looks on a background with the Hex color 60BDA4.

# 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](#).

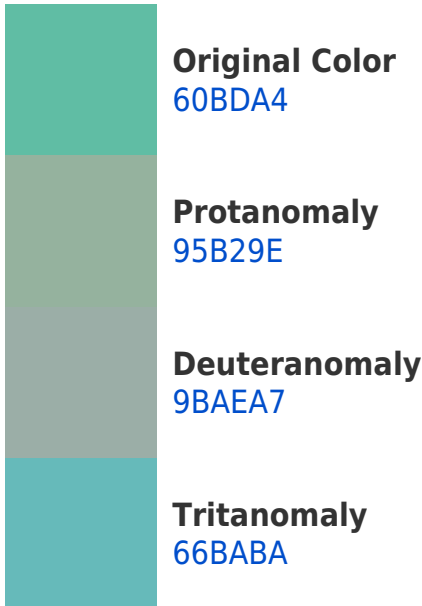
## Dichromacy



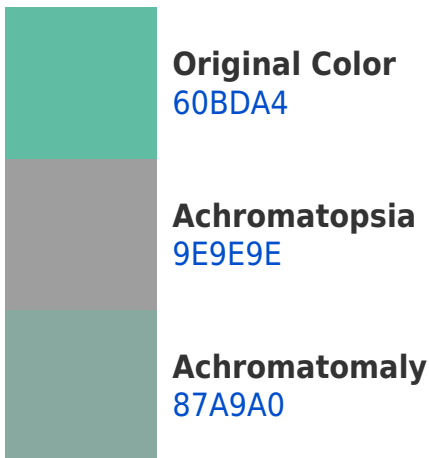


**Tritanopia**  
6AB8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60BDA4 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 #60BDA4 looks like.

```
.text, #text, p{  
    color:#60BDA4  
}
```

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 #60BDA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60BDA4
}
```

## Border

The CSS property to change the border of an element to Hex 60BDA4 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
#60BDA4 }
```

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

```
.border{ border-color:#60BDA4 }
```

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

Here you see how a box with a 4 pixel #60BDA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60BDA4; -webkit-box-shadow:4px 4px  
4px 4px #60BDA4; box-shadow:4px 4px 4px  
4px #60BDA4 }
```

# Background

The CSS property to change the background color of an element to Hex 60BDA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60BDA4 }
```

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

```
.background{ background-color:#60BDA4 }
```

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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