

# Converting Colors

Hex(60DAA0)

Have a look what the booklet for  
Hex(60DAA0) contains.

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# Color

**Hex(60DAA0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60DAA0
RGB	96, 218, 160
RGB Percent	38%, 85%, 63%
CMY	0.6235, 0.1451, 0.3725
CMYK	0.56, 0.00, 0.27, 0.15
HSL	151°, 62%, 62%
HSV	151°, 56%, 85%
XYZ	36.2404, 55.1677, 41.9961
YIQ	174.9100, -54.0940, -43.9020

# Conversions

## Conversions Part 2

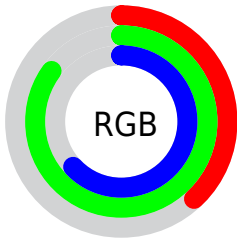
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 176, 218
Decimal	6347424
CIELab	79.14, -47.51, 18.45
CIElCh	79, 50.965, 158.780
Yxy	55.1677, 0.2717, 0.4135
Android (android.graphics.Color)	4284537504 (0xFF60DAA0)
YUV	174.9100, -7.3506, -69.2041
Hunter-Lab	74.2749, -42.8869, 18.4691

# Details

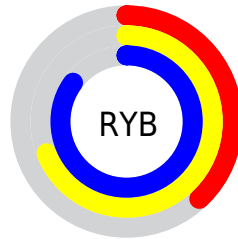
The Hex color **60DAA0** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DA609A**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **9BFFD7**, and **18A26C** is the 20% darker color. If you saturate the color by 10%, you get **4ADA96**, and if you desaturate by 10%, it is **76DAAA**.

# Distribution



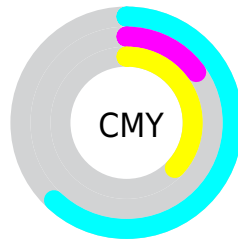
- Red (38%)
- Green (85%)
- Blue (63%)



- Red (38%)
- Yellow (69%)
- Blue (85%)



- Cyan (56%)
- Magenta (0%)
- Yellow (27%)
- Black (15%)



- Cyan (62%)
- Magenta (15%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60DAA0 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 60DAA0 by changing the saturation by 10% instead.



 60DAA0

 60DAA0

FFFFFF

 41BE86

 9BFFD7

 18A26C

 B8FFF3

 008754

 D6FFFF

 006D3C

 F4FFFF

 005426

 003B11

 002600

 000000

 60DAA0

 60DAA0

 4ADA96

 76DAAA

 34DA8B

 8CDAB5

 1FDA81

 A1DABF

 09DA77

 B7DAC9

 00DA72

 CDDAD4

 E3DADE

 F9DAE9

 FFDAF3

 FFDAFD

# Harmonies

## Analogous

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



A1D278



60DAA0



00DDD1

# Triad

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



60DAA0



90C4FF



FFA58B

# Complementary

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



60DAA0



DA609A

# 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.



FF9DB8



60DAA0



DBB2FF

# Square

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



60DAA0



00D2FF



FFA2E7



FDB56B

# Rectangle

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



60DAA0



00DCF0



FFA2E7



FFA199

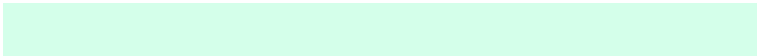


# Sweetspot

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



60DAA0



D4FFEA



9BDA60



668073



000000



808080



# Same Dimension

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



60DAA0



54FFAE



60D8DA



636E68



00AD5B



002E18



# Inverse Universe

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



DA609A



FF54A5



DA6260



6E6368



AD0052

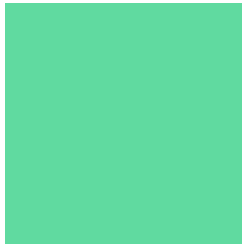


2E0016



# Previews

## White Background



This preview shows how the Hex color 60DAA0 looks on a white background.

## Color Contrast Check

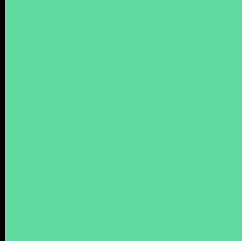
Large Text (above 18pt) WCAG AA × Fail

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 60DAA0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

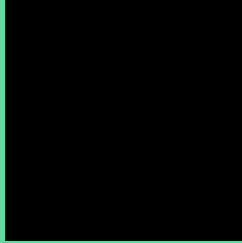
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 60DAA0 Background



This preview shows how black text looks on a background with the Hex color 60DAA0.

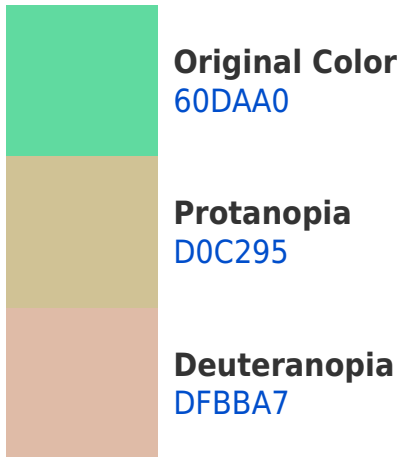


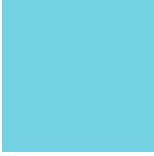
This preview shows how white text looks on a background with the Hex color 60DAA0.

# 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](#).

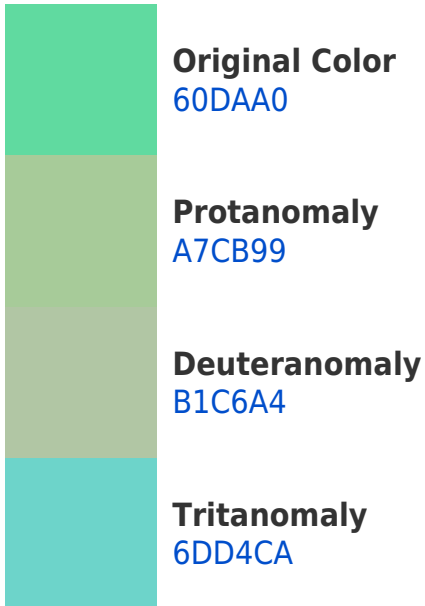
## Dichromacy



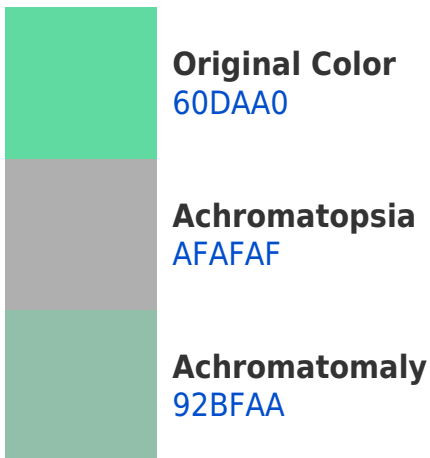


**Tritanopia**  
74D1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60DAA0 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 #60DAA0 looks like.

```
.text, #text, p{  
    color:#60DAA0  
}
```

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 #60DAA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60DAA0
}
```

## Border

The CSS property to change the border of an element to Hex 60DAA0 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
#60DAA0 }
```

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

```
.border{ border-color:#60DAA0 }
```

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

Here you see how a box with a 4 pixel #60DAA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60DAA0; -webkit-box-shadow:4px 4px  
4px 4px #60DAA0; box-shadow:4px 4px 4px  
4px #60DAA0 }
```

# Background

The CSS property to change the background color of an element to Hex 60DAA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60DAA0 }
```

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

```
.background{ background-color:#60DAA0 }
```

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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