

# Converting Colors

Hex(6EB0AA)

Have a look what the booklet for  
Hex(6EB0AA) contains.

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**Color**

**Hex(6EB0AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EB0AA
RGB	110, 176, 170
RGB Percent	43%, 69%, 67%
CMY	0.5686, 0.3098, 0.3333
CMYK	0.37, 0.00, 0.03, 0.31
HSL	175°, 29%, 56%
HSV	175°, 37%, 69%
XYZ	29.2114, 37.2679, 43.6840
YIQ	155.5820, -37.4100, -15.8580

# Conversions

## Conversions Part 2

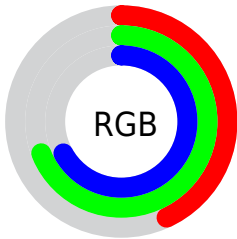
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	110, 145, 176
Decimal	7254186
CIE Lab	67.48, -22.39, -3.58
CIE LCh	67, 22.679, 189.087
Yxy	37.2679, 0.2652, 0.3383
Android (android.graphics.Color)	4285444266 (0xFF6EB0AA)
YUV	155.5820, 7.1081, -39.9754
Hunter-Lab	61.0475, -21.4202, 0.3068

# Details

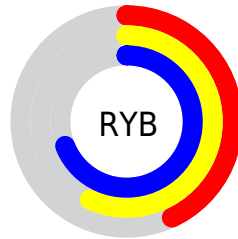
The Hex color **6EB0AA** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B06E74**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **A4E8E1**, and **397B76** is the 20% darker color. If you saturate the color by 10%, you get **5CB0A8**, and if you desaturate by 10%, it is **80B0AC**.

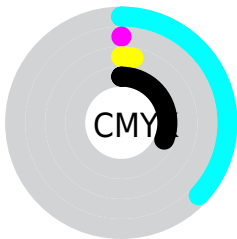
# Distribution



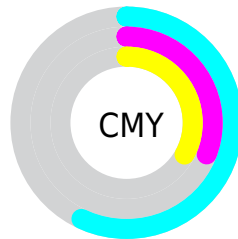
- Red (43%)
- Green (69%)
- Blue (67%)



- Red (43%)
- Yellow (57%)
- Blue (69%)



- Cyan (37%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)



- Cyan (57%)
- Magenta (31%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EB0AA 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 6EB0AA by changing the saturation by 10% instead.



 6EB0AA

 6EB0AA

FFFFFF

 539590

 A4E8E1

 397B76

 C0FFFE

 1C625D

 DDFFFF

 004A46

 FAFFFF

 003330

 001F1B

 000000

 6EB0AA

 6EB0AA

 5CB0A8

 80B0AC

 4BB0A7

 91B0AD

 39B0A5

 A3B0AF

 28B0A4

 B4B0B0

 16B0A2

 C6B0B2

 04B0A0

 D8B0B4

 00B0A0

 E9B0B5

 FBB0B7

 FFB0B8

# Harmonies

## Analogous

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



7FAF95



6EB0AA



6BAFBD

# Triad

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



6EB0AA



AF9DC4



C09E7F

# Complementary

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



6EB0AA



B06E74

# 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.



CC988B



6EB0AA



C497B3

# Square

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



6EB0AA



94A4CC



CE969F



ADA57C

# Rectangle

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



6EB0AA



73ACC7



CE969F



C59C82



# Sweetspot

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



6EB0AA



CCE6E3



75B06E



647371



F2F2F2



737373



# Same Dimension

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



6EB0AA



7EE6DC



6E96B0



505958



00998B



001A17



# Inverse Universe

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



B06E74



E67E88



B0886E



595051



99000E

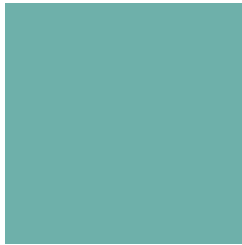


1A0002



# Previews

## White Background



This preview shows how the Hex color 6EB0AA looks on a white background.

## Color Contrast Check

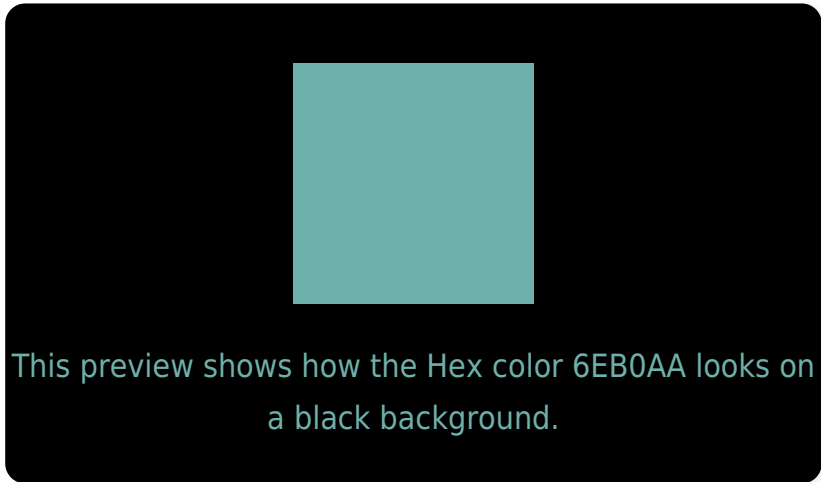
Large Text (above 18pt) WCAG AA × Fail

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

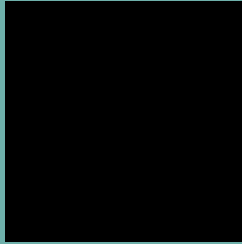
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6EB0AA Background



This preview shows how black text looks on a background with the Hex color 6EB0AA.



This preview shows how white text looks on a background with the Hex color 6EB0AA.

# Color Blindness Simulation

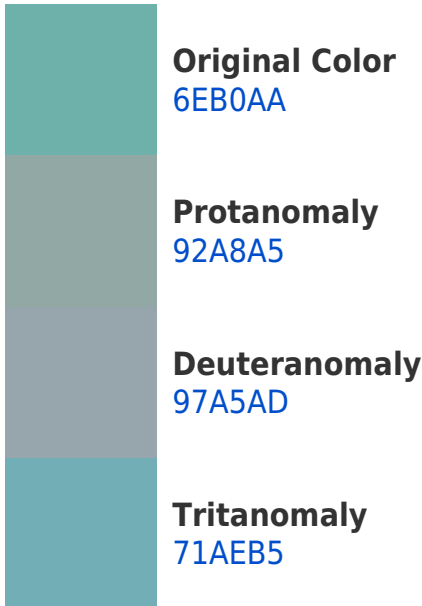
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

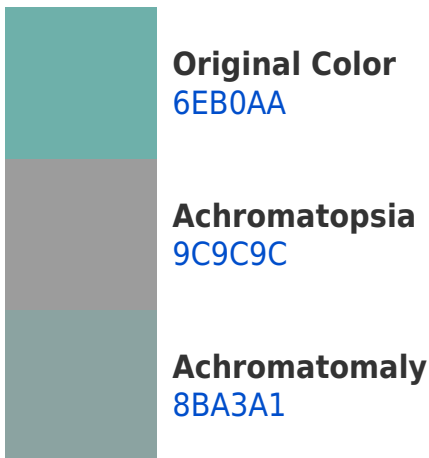




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EB0AA 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 #6EB0AA looks like.

```
.text, #text, p{  
    color:#6EB0AA  
}
```

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 #6EB0AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EB0AA
}
```

## Border

The CSS property to change the border of an element to Hex 6EB0AA 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
#6EB0AA }
```

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

```
.border{ border-color:#6EB0AA }
```

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

Here you see how a box with a 4 pixel #6EB0AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EB0AA; -webkit-box-shadow:4px 4px  
4px 4px #6EB0AA; box-shadow:4px 4px 4px  
4px #6EB0AA }
```

# Background

The CSS property to change the background color of an element to Hex 6EB0AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EB0AA }
```

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

```
.background{ background-color:#6EB0AA }
```

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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