

# Converting Colors

Hex(6AAEB3)

Have a look what the booklet for  
Hex(6AAEB3) contains.

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# **Color**

**Hex(6AAEB3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AAEB3
RGB	106, 174, 179
RGB Percent	42%, 68%, 70%
CMY	0.5843, 0.3176, 0.2980
CMYK	0.41, 0.03, 0.00, 0.30
HSL	184°, 32%, 56%
HSV	184°, 41%, 70%
XYZ	29.2166, 36.5909, 48.1707
YIQ	154.2380, -42.1330, -12.8610

# Conversions

## Conversions Part 2

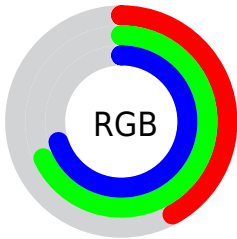
Format	Color
R <sub>YB</sub>	106, 141, 179
Decimal	6991539
CIE Lab	66.97, -20.18, -9.35
CIE LCh	67, 22.241, 204.846
Yxy	36.5909, 0.2563, 0.3210
Android (android.graphics.Color)	4285181619 (0xFF6AAEB3)
YUV	154.2380, 12.2077, -42.3047
Hunter-Lab	60.4905, -19.6437, -4.8714

# Details

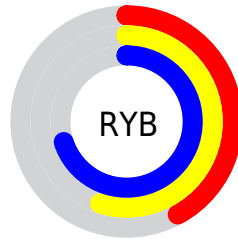
The Hex color **6AAEB3** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B36F6A**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A1E6EB**, and **33797E** is the 20% darker color. If you saturate the color by 10%, you get **58ADB3**, and if you desaturate by 10%, it is **7CAFB3**.

# Distribution



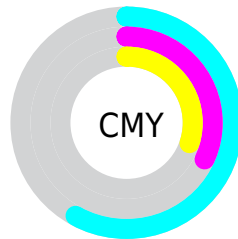
- Red (42%)
- Green (68%)
- Blue (70%)



- Red (42%)
- Yellow (55%)
- Blue (70%)



- Cyan (41%)
- Magenta (3%)
- Yellow (0%)
- Black (30%)



- Cyan (58%)
- Magenta (32%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6AAEB3 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 6AAEB3 by changing the saturation by 10% instead.



 6AAEB3

 6AAEB3

FFFFFF

 4F9398

 A1E6EB

 33797E

 BDFFFF

 136065

 DAFFFF

 00484D

 F7FFFF

 003237

 001E21

 00000A

 000000

 6AAEB3

 6AAEB3

■ 58ADB3

■ 7CAFB3

■ 46ACB3

■ 8EB0B3

■ 34AAB3

■ A0B2B3

■ 22A9B3

■ B2B3B3

■ 11A8B3

■ C4B4B3

■ 00A7B3

■ D5B5B3

■ E7B7B3

■ F9B8B3

■ FFB9B3

# Harmonies

## Analogous

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



75AE9F



6AAEB3



70ABC3

# Triad

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



6AAEB3



BA99BA



B5A07B

# Complementary

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



6AAEB3



B36F6A

# 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.



C59A83



6AAEB3



C895A7

# Square

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



6AAEB3



A29FC7



CC9593



A0A77E

# Rectangle

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



6AAEB3



7EA8C9



CC9593



BB9E7D



# Sweetspot

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



6AAEB3



CCE6E8



6AB36F



657475



F5F5F5



757575



# Same Dimension

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



6AAEB3



76E0E8



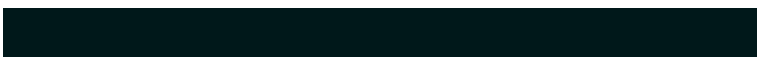
6A8AB3



505959



008F99



00181A



# Inverse Universe

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



B36AAE



E876E0



B3936A



595059



99008F

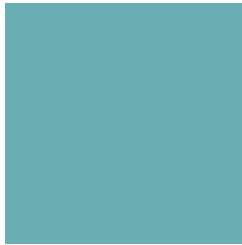


1A0018



# Previews

## White Background



This preview shows how the Hex color 6AAEB3 looks on a white background.

## Color Contrast Check

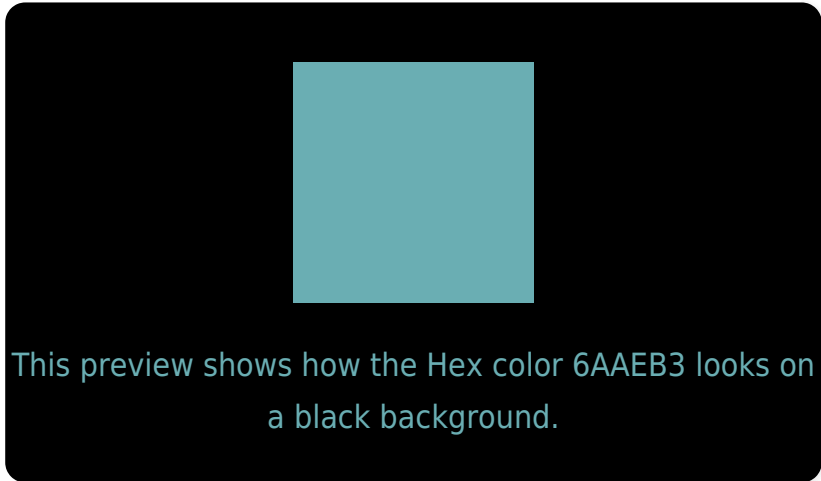
Large Text (above 18pt) WCAG AA × Fail

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

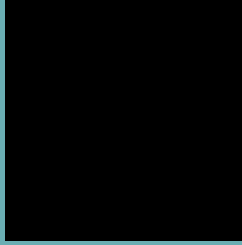
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6AAEB3 Background



This preview shows how black text looks on a background with the Hex color 6AAEB3.

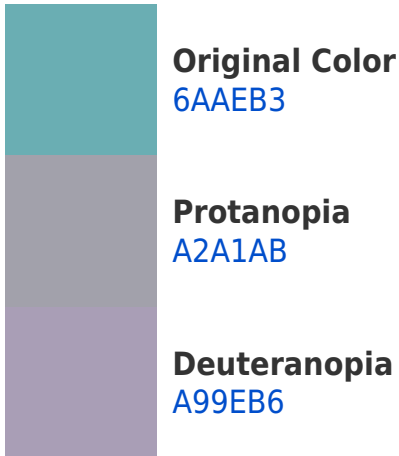


This preview shows how white text looks on a background with the Hex color 6AAEB3.

# 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](#).

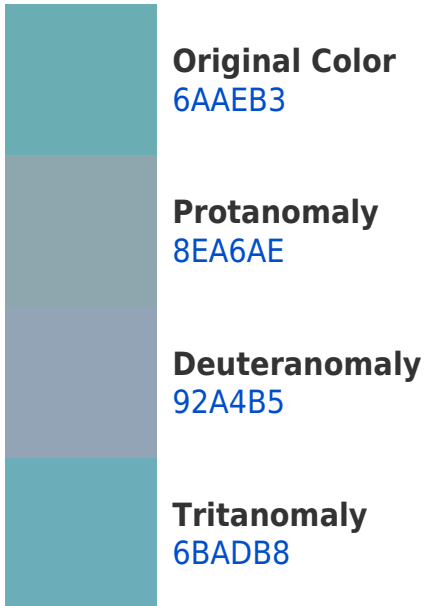
## Dichromacy



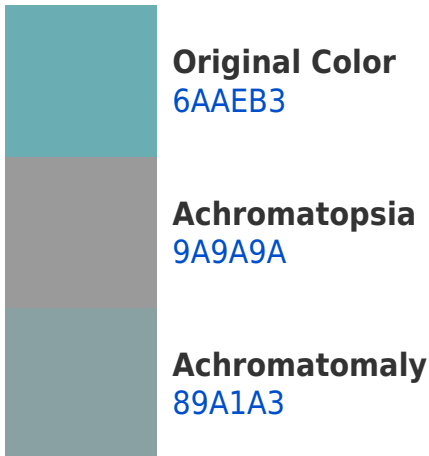


**Tritanopia**  
6CADBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6AAEB3 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 #6AAEB3 looks like.

```
.text, #text, p{  
    color:#6AAEB3  
}
```

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 #6AAEB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AAEB3  
}
```

## Border

The CSS property to change the border of an element to Hex 6AAEB3 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  
#6AAEB3 }
```

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

```
.border{ border-color:#6AAEB3 }
```

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

Here you see how a box with a 4 pixel #6AAEB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AAEB3; -webkit-box-shadow:4px 4px  
4px 4px #6AAEB3; box-shadow:4px 4px 4px  
4px #6AAEB3 }
```

# Background

The CSS property to change the background color of an element to Hex 6AAEB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AAEB3 }
```

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

```
.background{ background-color:#6AAEB3 }
```

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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