

# Converting Colors

Hex(60BAEA)

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

<b>Hex(60BAEA)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(60BAEA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60BAEA
RGB	96, 186, 234
RGB Percent	38%, 73%, 92%
CMY	0.6235, 0.2706, 0.0824
CMYK	0.59, 0.21, 0.00, 0.08
HSL	201°, 77%, 65%
HSV	201°, 59%, 92%
XYZ	37.2341, 43.5451, 84.2845
YIQ	164.5620, -69.0480, -4.1520

# Conversions

## Conversions Part 2

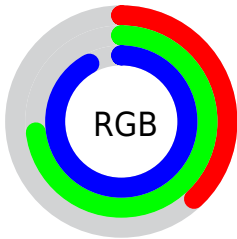
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 150, 234
Decimal	6339306
CIELab	71.92, -13.13, -32.04
CIELCh	72, 34.630, 247.720
Yxy	43.5451, 0.2256, 0.2638
Android (android.graphics.Color)	4284529386 (0xFF60BAEA)
YUV	164.5620, 34.2329, -60.1289
Hunter-Lab	65.9887, -14.7619, -29.5364

# Details

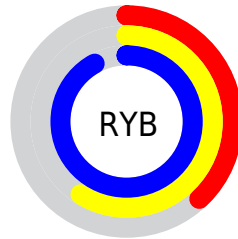
The Hex color **60BAEA** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EA9060**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **9CF2FF**, and **1085B2** is the 20% darker color. If you saturate the color by 10%, you get **49B2EA**, and if you desaturate by 10%, it is **77C2EA**.

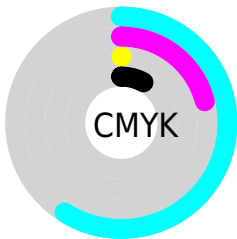
# Distribution



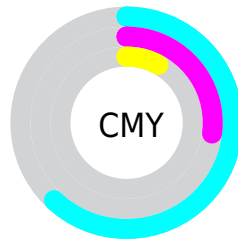
- Red (38%)
- Green (73%)
- Blue (92%)



- Red (38%)
- Yellow (59%)
- Blue (92%)



- Cyan (59%)
- Magenta (21%)
- Yellow (0%)
- Black (8%)



- Cyan (62%)
- Magenta (27%)
- Yellow (8%)

# Brightness & Saturation Gradients

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



 60BAEA

 60BAEA

FFFFFF

 3F9FCE

 9CF2FF

 1085B2

 BAF0FF

 006C97

 D8F0FF

 00537D

 F6F0FF

 003C64

 00274C

 001135

 00021F

 000002

■ 60BAEA

■ 60BAEA

■ 49B2EA

■ 77C2EA

■ 31AAEA

■ 8FCAEA

■ 1AA2EA

■ A6D2EA

■ 0299EA

■ BEDBEA

■ 0099EA

■ D5E3EA

■ ECEBEA

■ FFF3EA

■ FFFBEA

■ FFFFEA

# Harmonies

## Analogous

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



40C0D6



60BAEA



92B1EF

# Triad

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



60BAEA



EE98A9



9BBA7D

# Complementary

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



60BAEA



EA9060

# 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.



BEB171



60BAEA



EB9D8B

# Square

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



60BAEA



DF9CC9



DAA676



75C097

# Rectangle

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



60BAEA



B1A9E8



DAA676



A7B777

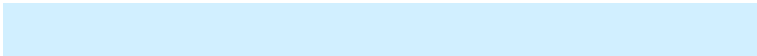


# Sweetspot

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



60BAEA



D1EFFF



60EA8E



637680



000000



808080



# Same Dimension

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



60BAEA



4AC0FF



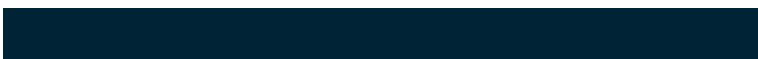
6077EA



6A7175



0076B5



002336



# Inverse Universe

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



EA60BA



FF4AC0



EAD360



756A71



B50076

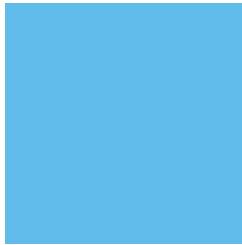


360023



# Previews

## White Background



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

## Color Contrast Check

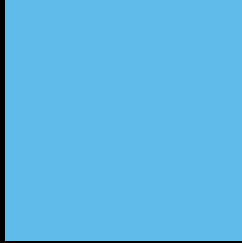
Large Text (above 18pt) WCAG AA × Fail

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 60BAEA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

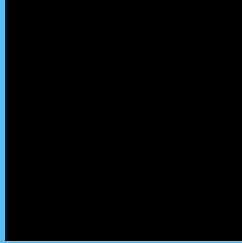
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

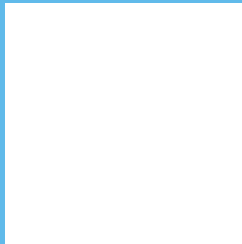
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 60BAEA Background



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

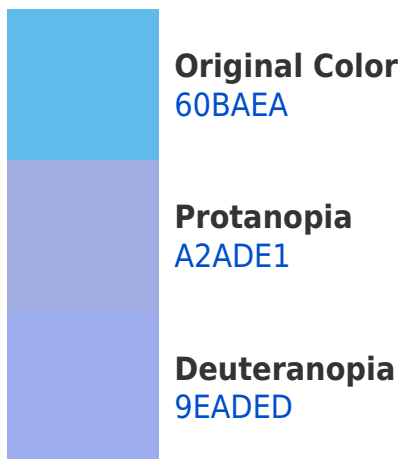


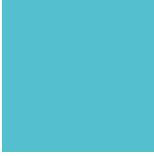
This preview shows how white text looks on a background with the Hex color 60BAEA.

# 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](#).

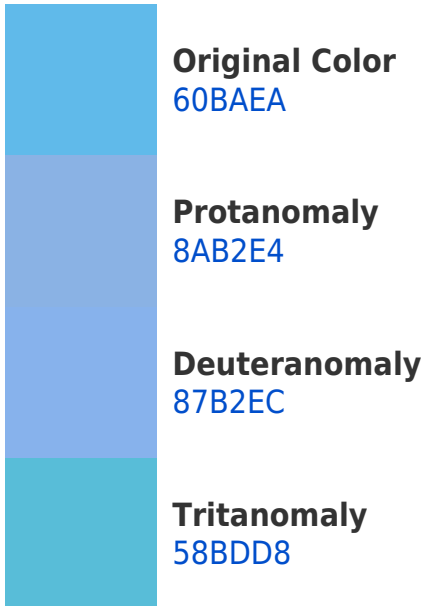
## Dichromacy



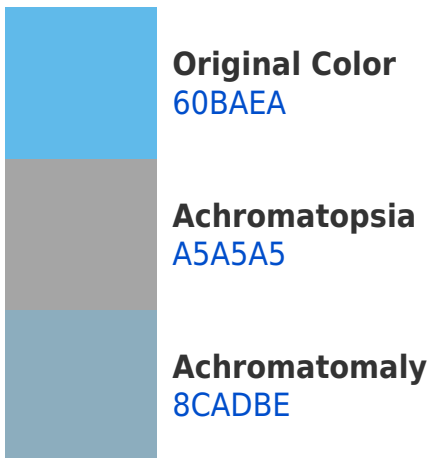


**Tritanopia**  
54BFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #60BAEA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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