

# Converting Colors

Hex(60BF95)

Have a look what the booklet for  
Hex(60BF95) contains.

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# **Color**

**Hex(60BF95)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60BF95
RGB	96, 191, 149
RGB Percent	38%, 75%, 58%
CMY	0.6235, 0.2510, 0.4157
CMYK	0.50, 0.00, 0.22, 0.25
HSL	153°, 43%, 56%
HSV	153°, 50%, 75%
XYZ	28.8795, 41.9183, 35.0027
YIQ	157.8070, -43.1380, -33.2020

# Conversions

## Conversions Part 2

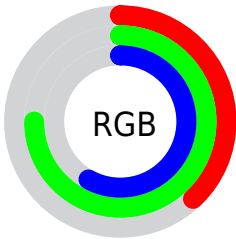
Format	Color
<b>RYB</b>	96, 157, 191
Decimal	6340501
CIELab	70.81, -38.06, 12.67
CIELCh	71, 40.115, 161.584
Yxy	41.9183, 0.2730, 0.3962
Android (android.graphics.Color)	4284530581 (0xFF60BF95)
YUV	157.8070, -4.3419, -54.2047
Hunter-Lab	64.7444, -33.6820, 13.2671

# Details

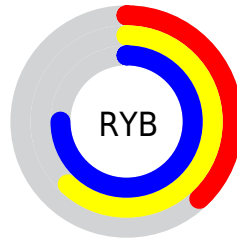
The Hex color **60BF95** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BF608A**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **98F8CB**, and **248962** is the 20% darker color. If you saturate the color by 10%, you get **4DBF8D**, and if you desaturate by 10%, it is **73BF9D**.

# Distribution



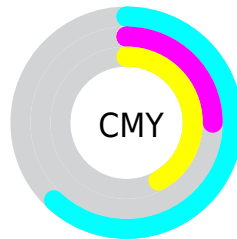
- Red (38%)
- Green (75%)
- Blue (58%)



- Red (38%)
- Yellow (62%)
- Blue (75%)



- Cyan (50%)
- Magenta (0%)
- Yellow (22%)
- Black (25%)



- Cyan (62%)
- Magenta (25%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60BF95 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 60BF95 by changing the saturation by 10% instead.



 60BF95

 60BF95

FFFFFF

 44A47B

 98F8CB

 248962

 B4FFE7

 006F4A

 D1FFFF

 005634

 EFFFFFF

 003E1E

 002807

 000600

 000000

 60BF95

 60BF95

 4DBF8D

 73BF9D

 3ABF84

 86BFA6

 27BF7C

 99BFAE

 14BF73

 ACBFB7

 01BF6B

 BFBFBF

 00BF6B

 D3BFC8

 E6BFD0

 F9BFD9

 FFBFE1

# Harmonies

## Analogous

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



8FB975



60BF95



21C1BB

# Triad

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



60BF95



8FACF5



EE977F

# Complementary

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



60BF95



BF608A

# 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.



F491A0



60BF95



C39FE4

# Square

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



60BF95



4BB7F2



E694C5



D8A368

# Rectangle

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



60BF95



00C0D2



E694C5



F29489

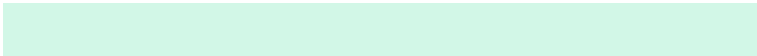


# Sweetspot

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



60BF95



D2F7E7



8BBF60



667D73



FCFCFC



7D7D7D



# Same Dimension

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



60BF95



63F7B6



60BABF



555E5A



009E58



001F11



# Inverse Universe

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



BF608A



F763A5



BF6560



5E5559



9E0046



1F000E



# Previews

## White Background



This preview shows how the Hex color 60BF95 looks on a white background.

## Color Contrast Check

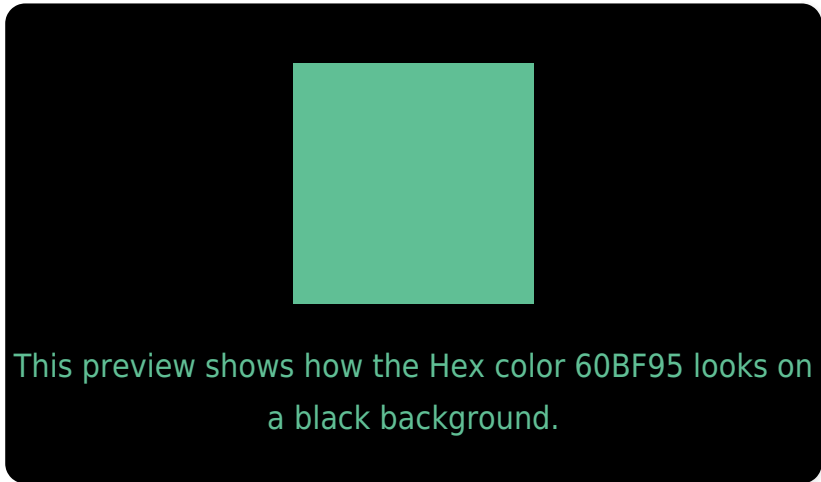
Large Text (above 18pt) WCAG AA × Fail

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

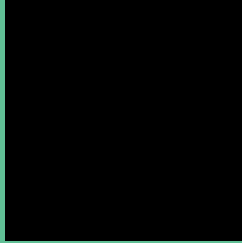
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 60BF95 Background



This preview shows how black text looks on a background with the Hex color 60BF95.

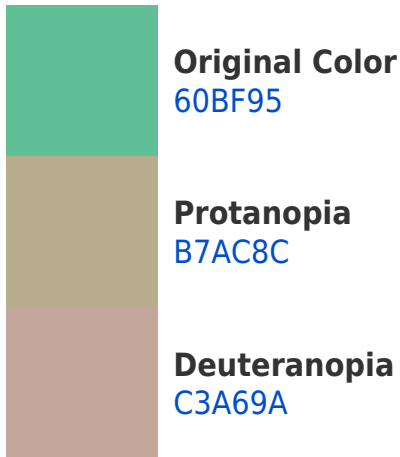


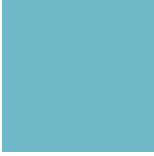
This preview shows how white text looks on a background with the Hex color 60BF95.

# 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](#).

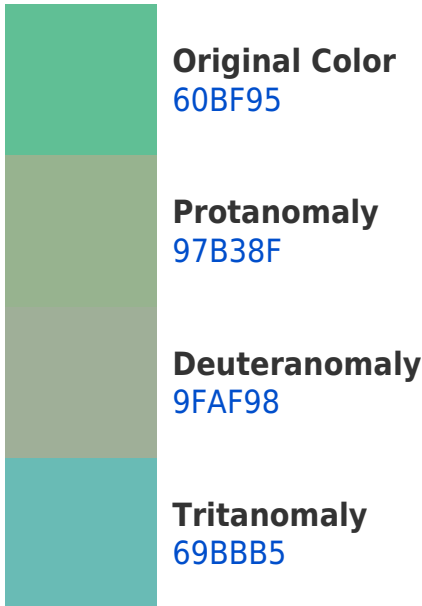
## Dichromacy





**Tritanopia**  
6EB8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60BF95 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 #60BF95 looks like.

```
.text, #text, p{  
    color:#60BF95  
}
```

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 #60BF95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60BF95
}
```

## Border

The CSS property to change the border of an element to Hex 60BF95 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
#60BF95 }
```

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

```
.border{ border-color:#60BF95 }
```

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

Here you see how a box with a 4 pixel #60BF95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60BF95; -webkit-box-shadow:4px 4px  
4px 4px #60BF95; box-shadow:4px 4px 4px  
4px #60BF95 }
```

# Background

The CSS property to change the background color of an element to Hex 60BF95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60BF95 }
```

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

```
.background{ background-color:#60BF95 }
```

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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