

# Converting Colors

Hex(60C393)

Have a look what the booklet for  
Hex(60C393) contains.

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**Color**

**Hex(60C393)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60C393
RGB	96, 195, 147
RGB Percent	38%, 76%, 58%
CMY	0.6235, 0.2353, 0.4235
CMYK	0.51, 0.00, 0.25, 0.24
HSL	151°, 45%, 57%
HSV	151°, 51%, 76%
XYZ	29.6054, 43.6236, 34.4636
YIQ	159.9270, -43.5960, -35.9160

# Conversions

## Conversions Part 2

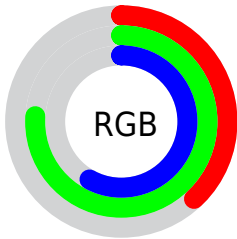
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 161, 195
Decimal	6341523
CIELab	71.98, -40.27, 15.38
CIElCh	72, 43.112, 159.096
Yxy	43.6236, 0.2749, 0.4051
Android (android.graphics.Color)	4284531603 (0xFF60C393)
YUV	159.9270, -6.3730, -56.0640
Hunter-Lab	66.0482, -35.5734, 15.2965

# Details

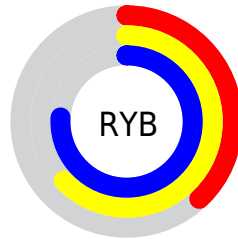
The Hex color **60C393** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C36090**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **98FCC9**, and **238D60** is the 20% darker color. If you saturate the color by 10%, you get **4DC38A**, and if you desaturate by 10%, it is **74C39C**.

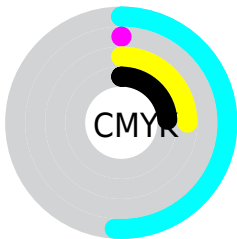
# Distribution



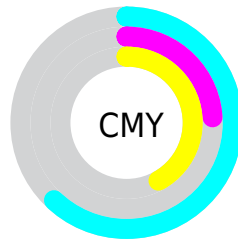
- Red (38%)
- Green (76%)
- Blue (58%)



- Red (38%)
- Yellow (63%)
- Blue (76%)



- Cyan (51%)
- Magenta (0%)
- Yellow (25%)
- Black (24%)



- Cyan (62%)
- Magenta (24%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60C393 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 60C393 by changing the saturation by 10% instead.





60C393



60C393

FFFFFF



43A779



98FCC9



238D60



B5FFE5



007248



D2FFFF



005932



FFFFFF



00411C



002B04



000D00



000000



60C393



60C393

 4DC38A

 74C39C

 39C380

 87C3A6

 25C377

 9BC3AF

 12C36D

 AEC3B9

 00C364

 C2C3C2

 D5C3CC

 E8C3D5

 FCC3DF

 FFC3E8

# Harmonies

## Analogous

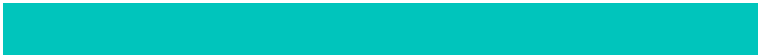
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93BD72



60C393



00C5BC

# Triad

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



60C393



89B0FE



F79781

# Complementary

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



60C393



C36090

# 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.



FC91A6



60C393



C4A2EE

# Square

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



60C393



35BCF9



EB95CD



E1A467

# Rectangle

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



60C393



00C4D5



EB95CD



FB948C



# Sweetspot

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



60C393



D7FCEA



92C360



698074



000000



808080



# Same Dimension

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



60C393



62FCB2



60C3C3



57615C



00A153



002111



# Inverse Universe

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



C36090



FC62AD



C36060



61575C



A1004E

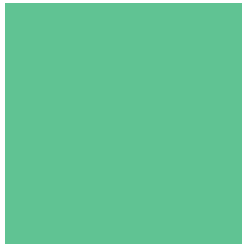


210010



# Previews

## White Background



This preview shows how the Hex color 60C393 looks on a white background.

## Color Contrast Check

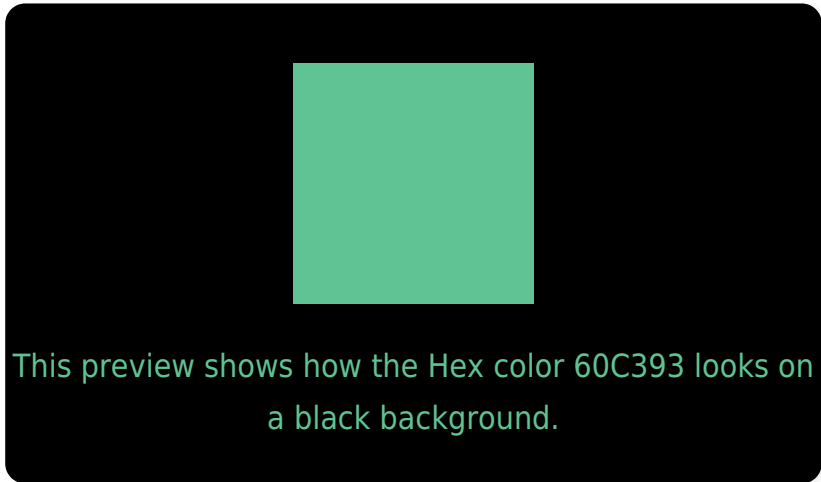
Large Text (above 18pt) WCAG AA × Fail

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

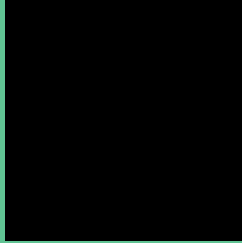
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 60C393 Background



This preview shows how black text looks on a background with the Hex color 60C393.

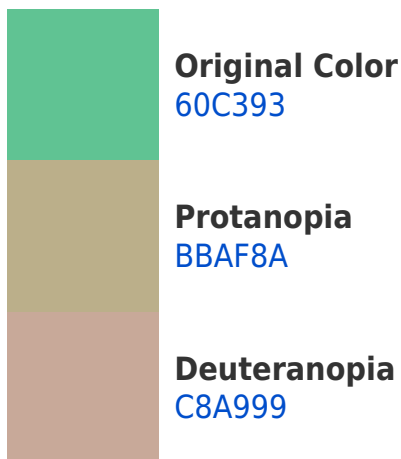


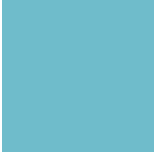
This preview shows how white text looks on a background with the Hex color 60C393.

# 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**  
6FBCCB

# Trichromacy



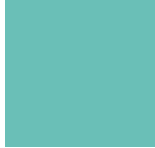
**Original Color**  
60C393



**Protanomaly**  
9AB68D



**Deuteranomaly**  
A2B297



**Tritanomaly**  
6ABFB7

# Monochromacy



**Original Color**  
60C393



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
89AD9B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60C393 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 #60C393 looks like.

```
.text, #text, p{  
    color:#60C393  
}
```

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 #60C393 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60C393  
}
```

## Border

The CSS property to change the border of an element to Hex 60C393 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  
#60C393 }
```

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

```
.border{ border-color:#60C393 }
```

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

Here you see how a box with a 4 pixel #60C393 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60C393; -webkit-box-shadow:4px 4px  
4px 4px #60C393; box-shadow:4px 4px 4px  
4px #60C393 }
```

# Background

The CSS property to change the background color of an element to Hex 60C393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60C393 }
```

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

```
.background{ background-color:#60C393 }
```

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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