

# Converting Colors

Hex(60C692)

Have a look what the booklet for  
Hex(60C692) contains.

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**Color**

**Hex(60C692)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60C692
RGB	96, 198, 146
RGB Percent	38%, 78%, 57%
CMY	0.6235, 0.2235, 0.4275
CMYK	0.52, 0.00, 0.26, 0.22
HSL	149°, 47%, 58%
HSV	149°, 52%, 78%
XYZ	30.2063, 44.9503, 34.2784
YIQ	161.5740, -44.1000, -37.7960

# Conversions

## Conversions Part 2

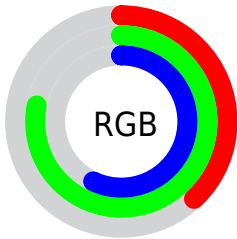
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 164, 198
Decimal	6342290
CIELab	72.86, -41.80, 17.15
CIELCh	73, 45.184, 157.694
Yxy	44.9503, 0.2760, 0.4107
Android (android.graphics.Color)	4284532370 (0xFF60C692)
YUV	161.5740, -7.6780, -57.5084
Hunter-Lab	67.0450, -36.9078, 16.6180

# Details

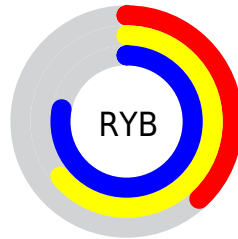
The Hex color **60C692** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C66094**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **99FFC8**, and **228F5F** is the 20% darker color. If you saturate the color by 10%, you get **4CC688**, and if you desaturate by 10%, it is **74C69C**.

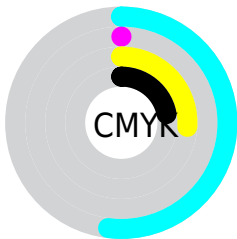
# Distribution



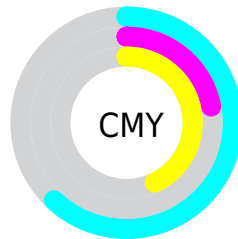
- Red (38%)
- Green (78%)
- Blue (57%)



- Red (38%)
- Yellow (64%)
- Blue (78%)



- Cyan (52%)
- Magenta (0%)
- Yellow (26%)
- Black (22%)



- Cyan (62%)
- Magenta (22%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60C692 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 60C692 by changing the saturation by 10% instead.



 60C692

 60C692

FFFFFF

 43AA78

 99FFC8

 228F5F

 B5FFE4

 007547

 D2FFFF

 005C31

 F0FFFF

 00431B

 002D02

 001200

 000000

 60C692

 60C692

 4CC688

 74C69C

 38C67E

 88C6A6

 25C674

 9BC6B0

 11C66A

 AFC6BA

 00C661

 C3C6C4

 D7C6CF

 EBC6D9

 FEC6E3

 FFC6ED

# Harmonies

## Analogous

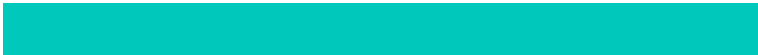
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96BF6F



60C692



00C9BC

# Triad

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



60C692



85B3FF



FD9882

# Complementary

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



60C692



C66094

# 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.



FF91AA



60C692



C5A4F4

# Square

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



60C692



1DC0FF



EF96D3



E6A667

# Rectangle

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



60C692



00C8D8



EF96D3



FF958F

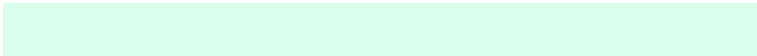


# Sweetspot

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



60C692



D9FFEC



95C660



698074



000000



808080



# Same Dimension

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



60C692



61FFAE



60C6C4



5A635E



00A350



002412



# Inverse Universe

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



C66094



FF61B2



C66062



635A5F



A30053

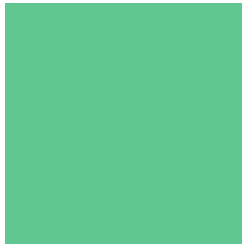


240012



# Previews

## White Background



This preview shows how the Hex color 60C692 looks on a white background.

## Color Contrast Check

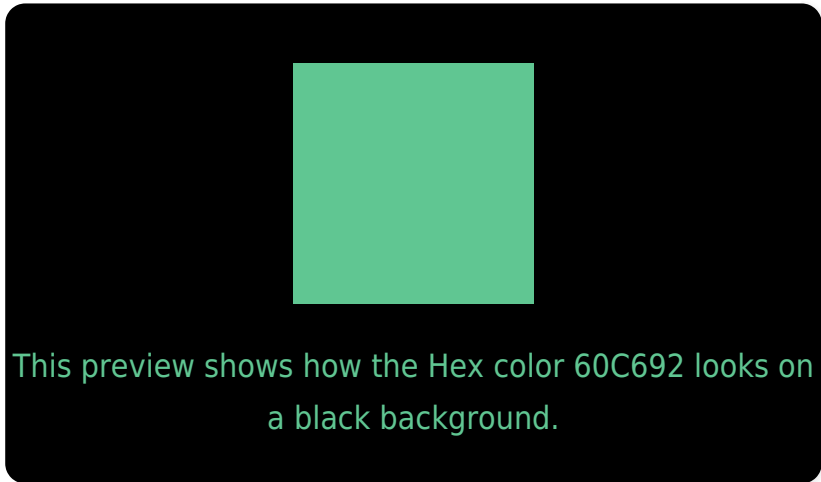
Large Text (above 18pt) WCAG AA × Fail

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

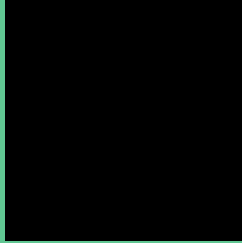
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 60C692 Background



This preview shows how black text looks on a background with the Hex color 60C692.

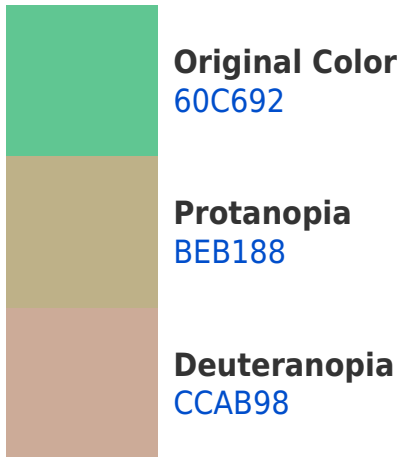


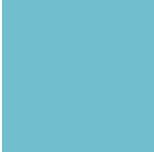
This preview shows how white text looks on a background with the Hex color 60C692.

# 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



**Original Color**  
60C692



**Protanomaly**  
9CB98C



**Deuteranomaly**  
A5B596



**Tritanomaly**  
6AC1B8

# Monochromacy



**Original Color**  
60C692



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
8AAF9C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60C692 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 #60C692 looks like.

```
.text, #text, p{  
    color:#60C692  
}
```

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 #60C692 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60C692
}
```

## Border

The CSS property to change the border of an element to Hex 60C692 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
#60C692 }
```

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

```
.border{ border-color:#60C692 }
```

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

Here you see how a box with a 4 pixel #60C692 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60C692; -webkit-box-shadow:4px 4px  
4px 4px #60C692; box-shadow:4px 4px 4px  
4px #60C692 }
```

# Background

The CSS property to change the background color of an element to Hex 60C692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60C692 }
```

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

```
.background{ background-color:#60C692 }
```

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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