

# Converting Colors

Hex(6EA692)

Have a look what the booklet for  
Hex(6EA692) contains.

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# **Color**

**Hex(6EA692)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EA692
RGB	110, 166, 146
RGB Percent	43%, 65%, 57%
CMY	0.5686, 0.3490, 0.4275
CMYK	0.34, 0.00, 0.12, 0.35
HSL	159°, 24%, 54%
HSV	159°, 34%, 65%
XYZ	25.2549, 32.6628, 32.1676
YIQ	146.9760, -26.9560, -18.0920

# Conversions

## Conversions Part 2

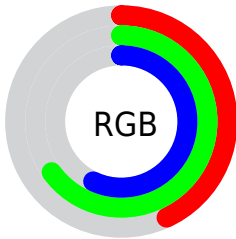
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">110, 144, 166</a>
Decimal	<a href="#">7251602</a>
CIELab	<a href="#">63.89, -22.90, 4.53</a>
CIELCh	<a href="#">64, 23.340, 168.803</a>
Yxy	<a href="#">32.6628, 0.2803, 0.3626</a>
Android (android.graphics.Color)	<a href="#">4285441682 (0xFF6EA692)</a>
YUV	<a href="#">146.9760, -0.4812, -32.4280</a>
Hunter-Lab	<a href="#">57.1513, -21.1365, 6.6346</a>

# Details

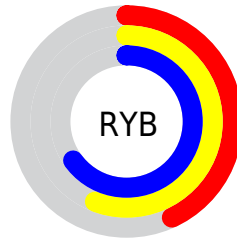
The Hex color **6EA692** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A66E82**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **A3DDC8**, and **3B7260** is the 20% darker color. If you saturate the color by 10%, you get **5DA68C**, and if you desaturate by 10%, it is **7FA698**.

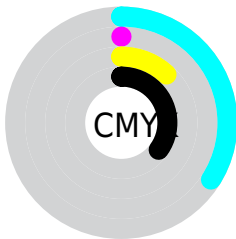
# Distribution



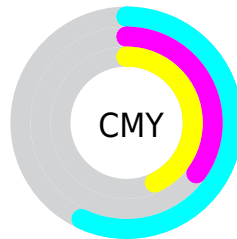
- Red (43%)
- Green (65%)
- Blue (57%)



- Red (43%)
- Yellow (56%)
- Blue (65%)



- Cyan (34%)
- Magenta (0%)
- Yellow (12%)
- Black (35%)



- Cyan (57%)
- Magenta (35%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EA692 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 6EA692 by changing the saturation by 10% instead.





6EA692



6EA692

FFFFFF



548B78



A3DDC8



3B7260



BFFAE4



225948



DBFFFF



044131



F8FFFF



002B1D



001602



000000



6EA692



6EA692



5DA68C



7FA698

 4DA686

 8FA69E

 3CA680

 A0A6A4

 2CA67A

 B0A6AA

 1BA674

 C1A6B0

 0AA66E

 D2A6B6

 00A66B

 E2A6BC

 F3A6C1

 FFA6C7

# Harmonies

## Analogous

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



85A37F



6EA692



5FA6A7

# Triad

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



6EA692



9498C2



C0907C

# Complementary

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



6EA692



A66E82

# 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.



C58C8E



6EA692



AE91B6

# Square

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



6EA692



779FC3



BF8CA3



B19772

# Rectangle

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



6EA692



5EA5B4



BF8CA3



C38E82



# Sweetspot

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



6EA692



C3D9D1



83A66E



606E69



EDEDED



6E6E6E



# Same Dimension

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



6EA692



82D9BA



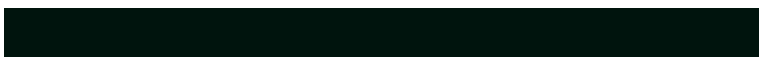
6E9FA6



4C5451



00945F



00140D



# Inverse Universe

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



A66E82



D982A1



A6756E



544C4F



940035



140007



# Previews

## White Background



This preview shows how the Hex color 6EA692 looks on a white background.

## Color Contrast Check

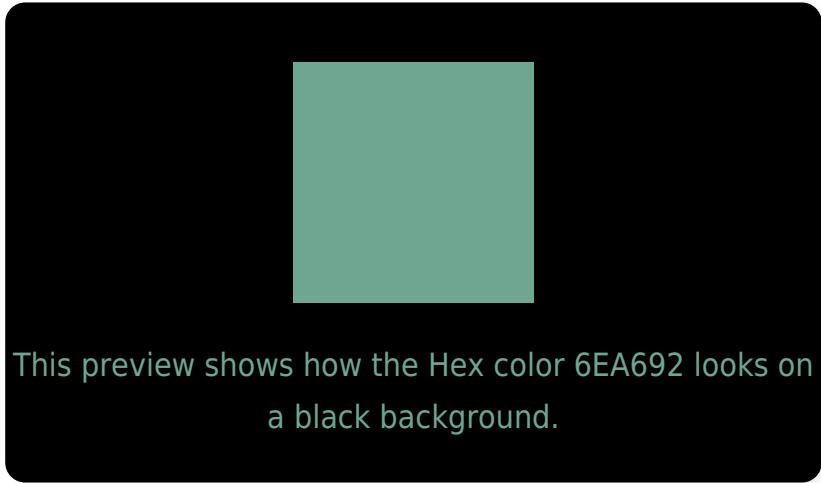
Large Text (above 18pt) WCAG AA × Fail

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

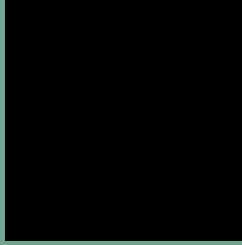
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6EA692 Background



This preview shows how black text looks on a background with the Hex color 6EA692.

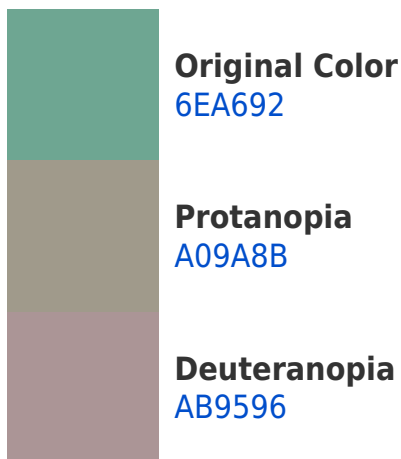


This preview shows how white text looks on a background with the Hex color 6EA692.

# 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**  
74A2AF

# Trichromacy



**Original Color**  
6EA692

**Protanomaly**  
8E9E8E

**Deuteranomaly**  
959B95

**Tritanomaly**  
72A3A4

# Monochromacy



**Original Color**  
6EA692

**Achromatopsia**  
939393

**Achromatomaly**  
869A93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EA692 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 #6EA692 looks like.

```
.text, #text, p{  
    color:#6EA692  
}
```

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 #6EA692 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EA692
}
```

## Border

The CSS property to change the border of an element to Hex 6EA692 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
#6EA692 }
```

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

```
.border{ border-color:#6EA692 }
```

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

Here you see how a box with a 4 pixel #6EA692 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EA692; -webkit-box-shadow:4px 4px  
4px 4px #6EA692; box-shadow:4px 4px 4px  
4px #6EA692 }
```

# Background

The CSS property to change the background color of an element to Hex 6EA692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EA692 }
```

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

```
.background{ background-color:#6EA692 }
```

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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