

# Converting Colors

Hex(657692)

Have a look what the booklet for  
Hex(657692) contains.

<b>Hex(657692)</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(657692)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	657692
RGB	101, 118, 146
RGB Percent	40%, 46%, 57%
CMY	0.6039, 0.5373, 0.4275
CMYK	0.31, 0.19, 0.00, 0.43
HSL	217°, 18%, 48%
HSV	217°, 31%, 57%
XYZ	17.0336, 17.7989, 29.7319
YIQ	116.1090, -19.1200, 5.1040

# Conversions

## Conversions Part 2

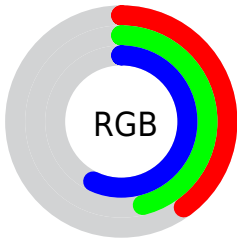
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 113, 146
Decimal	6649490
CIE <sub>Lab</sub>	49.25, 0.64, -17.25
CIE <sub>LCh</sub>	49, 17.263, 272.134
Yxy	17.7989, 0.2638, 0.2757
Android (android.graphics.Color)	4284839570 (0xFF657692)
YUV	116.1090, 14.7363, -13.2506
Hunter-Lab	42.1887, -1.7615, -12.2516

# Details

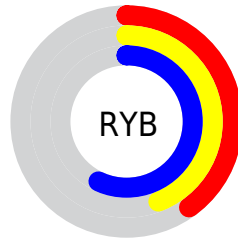
The Hex color **657692** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **928165**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **99AAC8**, and **34465F** is the 20% darker color. If you saturate the color by 10%, you get **566D92**, and if you desaturate by 10%, it is **747F92**.

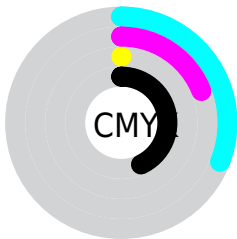
# Distribution



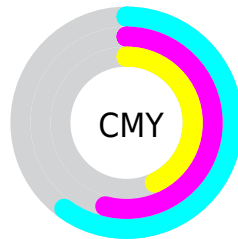
- Red (40%)
- Green (46%)
- Blue (57%)



- Red (40%)
- Yellow (44%)
- Blue (57%)



- Cyan (31%)
- Magenta (19%)
- Yellow (0%)
- Black (43%)



- Cyan (60%)
- Magenta (54%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 657692 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 657692 by changing the saturation by 10% instead.



■ 657692

■ 657692

FFFFFF

■ 4C5D78

■ 99AAC8

■ 34465F

■ B4C5E4

■ 1D3048

■ D0E1FF

■ 041B31

■ ECFEFF

■ 00021C

■ 000000

■ 657692

■ 657692

■ 566D92

■ 747F92

■ 486492

■ 828892

■ 395B92

■ 919192

■ 2B5292

■ 9F9A92

■ 1C4992

■ AEA392

■ 0D3F92

■ BDAD92

■ 003792

■ CBB692

■ DABF92

■ E8C892

# Harmonies

## Analogous

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



537A8E



657692



79718E

# Triad

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



657692



936C66



5E7C67

# Complementary

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



657692



928165

# 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.



6F795C



657692



8C705C

# Square

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



657692



926B75



7F7458



517D76

# Rectangle

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



657692



846E87



7F7458



647B63



# Sweetspot

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



657692



ACB2BD



659281



54585E



DEDEDE



5E5E5E



# Same Dimension

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



657692



7791BD



6A6592



43454A



00348A



00040A



# Inverse Universe

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



926576



BD7791



8D9265



4A4345



8A0034



0A0004



# Previews

## White Background



This preview shows how the Hex color 657692 looks on a white background.

## Color Contrast Check

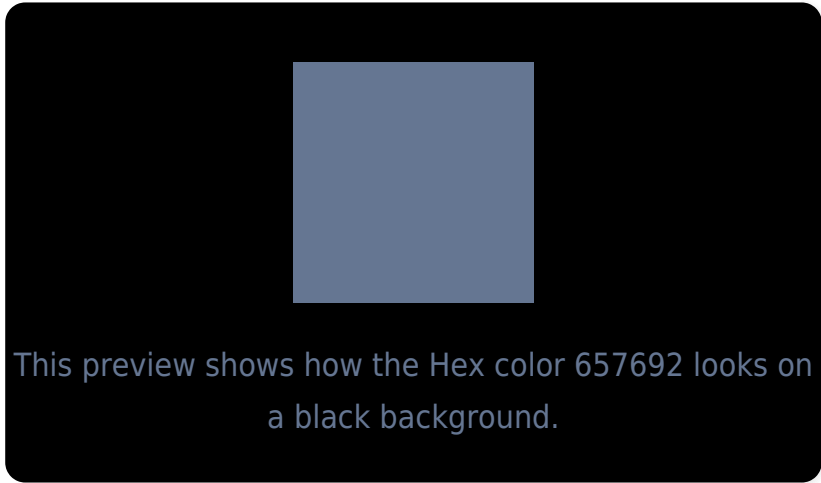
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

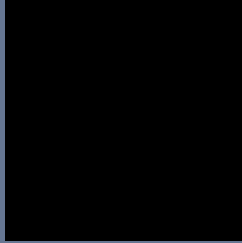
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

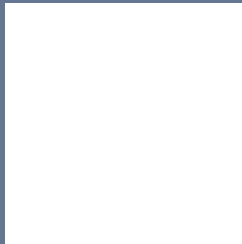
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 657692 Background



This preview shows how black text looks on a background with the Hex color 657692.



This preview shows how white text looks on a background with the Hex color 657692.

# 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



**Original Color**  
657692

**Protanopia**  
6E7490

**Deuteranopia**  
717393



**Tritanopia**  
627982

# Trichromacy



**Original Color**  
657692

**Protanomaly**  
6B7591

**Deuteranomaly**  
6D7493

**Tritanomaly**  
637888

# Monochromacy



**Original Color**  
657692

**Achromatopsia**  
747474

**Achromatomaly**  
6F757F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 657692 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 #657692 looks like.

```
.text, #text, p{  
    color:#657692  
}
```

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 #657692 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #657692
}
```

## Border

The CSS property to change the border of an element to Hex 657692 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
#657692 }
```

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

```
.border{ border-color:#657692 }
```

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

Here you see how a box with a 4 pixel #657692 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #657692; -webkit-box-shadow:4px 4px  
4px 4px #657692; box-shadow:4px 4px 4px  
4px #657692 }
```

# Background

The CSS property to change the background color of an element to Hex 657692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#657692 }
```

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

```
.background{ background-color:#657692 }
```

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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