

# Converting Colors

Hex(6D8092)

Have a look what the booklet for  
Hex(6D8092) contains.

<b>Hex(6D8092)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(6D8092)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D8092
RGB	109, 128, 146
RGB Percent	43%, 50%, 57%
CMY	0.5725, 0.4980, 0.4275
CMYK	0.25, 0.12, 0.00, 0.43
HSL	209°, 15%, 50%
HSV	209°, 25%, 57%
XYZ	19.2142, 20.7649, 30.1895
YIQ	124.3710, -17.1020, 1.5700

# Conversions

## Conversions Part 2

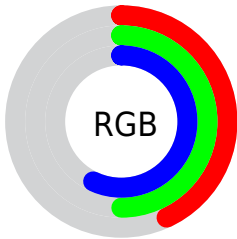
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	109, 122, 146
Decimal	7176338
CIE Lab	52.69, -2.63, -11.98
CIE LCh	53, 12.268, 257.598
Yxy	20.7649, 0.2738, 0.2959
Android (android.graphics.Color)	4285366418 (0xFF6D8092)
YUV	124.3710, 10.6631, -13.4804
Hunter-Lab	45.5685, -4.4796, -7.3821

# Details

The Hex color **6D8092** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **927F6D**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **A1B5C8**, and **3C4F5F** is the 20% darker color. If you saturate the color by 10%, you get **5E7992**, and if you desaturate by 10%, it is **7C8792**.

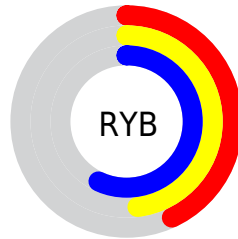
# Distribution



Red (43%)

Green (50%)

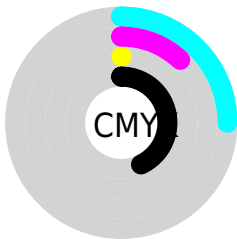
Blue (57%)



Red (43%)

Yellow (48%)

Blue (57%)

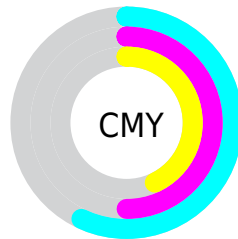


Cyan (25%)

Magenta (12%)

Yellow (0%)

Black (43%)



Cyan (57%)

Magenta (50%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D8092 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 6D8092 by changing the saturation by 10% instead.



■ 6D8092

■ 6D8092

FFFFFF

■ 546778

■ A1B5C8

■ 3C4F5F

■ BCD0E4

■ 253848

■ D8EDFF

■ 0F2331

■ F5FFFF

■ 000D1C

■ 000000

■ 6D8092

■ 6D8092

■ 5E7992

■ 7C8792

■ 507292

■ 8A8E92

416B92

999592

336492

A79C92

245C92

B6A492

155592

C5AB92

074E92

D3B292

004B92

E2B992

F0C092

# Harmonies

## Analogous

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



64838D



6D8092



7A7D92

# Triad

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



6D8092



947778



73826F

# Complementary

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



6D8092



927F6D

# 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.



807F6A



6D8092



92786F

# Square

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



6D8092



907783



8A7C69



698479

# Rectangle

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



6D8092



837A8E



8A7C69



77816D



# Sweetspot

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



6D8092



AEB5BD



6D927F



555A5E



DEDEDE



5E5E5E



# Same Dimension

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



6D8092



84A1BD



6D6E92



43464A



00478A



00050A



# Inverse Universe

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



926D80



BD84A1



92916D



4A4346



8A0047



0A0005



# Previews

## White Background



This preview shows how the Hex color 6D8092 looks on a white background.

## Color Contrast Check

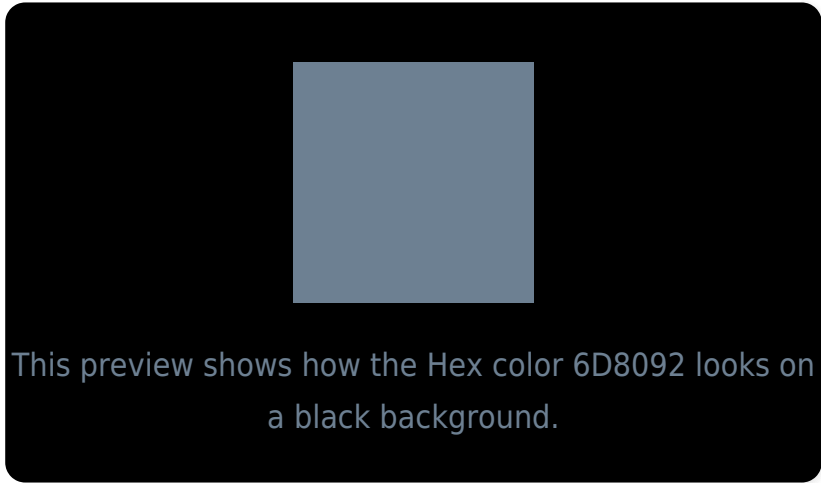
Large Text (above 18pt) WCAG AA ✓ Pass

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

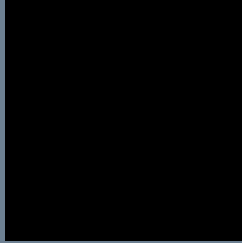
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

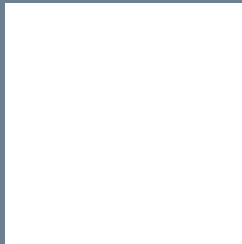
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6D8092 Background



This preview shows how black text looks on a background with the Hex color 6D8092.

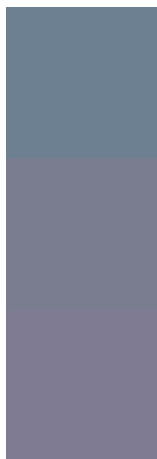


This preview shows how white text looks on a background with the Hex color 6D8092.

# 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**  
6D8092

**Protanopia**  
7A7D90

**Deuteranopia**  
7F7B93



**Tritanopia**  
6C818B

# Trichromacy



**Original Color**  
6D8092

**Protanomaly**  
757E91

**Deuteranomaly**  
787D93

**Tritanomaly**  
6C818E

# Monochromacy



**Original Color**  
6D8092

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
777D84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D8092 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 #6D8092 looks like.

```
.text, #text, p{  
    color:#6D8092  
}
```

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 #6D8092 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D8092
}
```

## Border

The CSS property to change the border of an element to Hex 6D8092 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
#6D8092 }
```

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

```
.border{ border-color:#6D8092 }
```

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

Here you see how a box with a 4 pixel #6D8092 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D8092; -webkit-box-shadow:4px 4px  
4px 4px #6D8092; box-shadow:4px 4px 4px  
4px #6D8092 }
```

# Background

The CSS property to change the background color of an element to Hex 6D8092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D8092 }
```

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

```
.background{ background-color:#6D8092 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor