

# Converting Colors

Hex(67178C)

Have a look what the booklet for  
Hex(67178C) contains.

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**Color**

**Hex(67178C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	67178C
RGB	103, 23, 140
RGB Percent	40%, 9%, 55%
CMY	0.5961, 0.9098, 0.4510
CMYK	0.26, 0.84, 0.00, 0.45
HSL	281°, 72%, 32%
HSV	281°, 84%, 55%
XYZ	10.6335, 5.3898, 25.2908
YIQ	60.2580, 10.1230, 53.3470

# Conversions

## Conversions Part 2

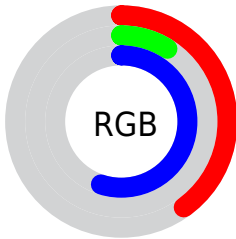
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 23, 140
Decimal	6756236
CIE <sub>Lab</sub>	27.82, 52.06, -47.39
CIE <sub>LCh</sub>	28, 70.399, 317.684
Yxy	5.3898, 0.2574, 0.1305
Android (android.graphics.Color)	4284946316 (0xFF67178C)
YUV	60.2580, 39.3128, 37.4847
Hunter-Lab	23.2160, 41.1299, -48.3377

# Details

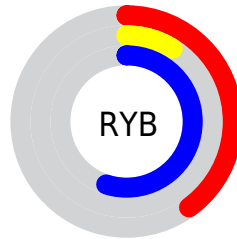
The Hex color **67178C** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **3C8C17**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **9E4EC2**, and **310059** is the 20% darker color. If you saturate the color by 10%, you get **63098C**, and if you desaturate by 10%, it is **6B258C**.

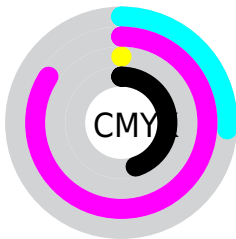
# Distribution



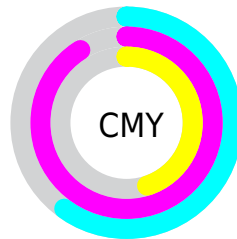
- Red (40%)
- Green (9%)
- Blue (55%)



- Red (40%)
- Yellow (9%)
- Blue (55%)



- Cyan (26%)
- Magenta (84%)
- Yellow (0%)
- Black (45%)



- Cyan (60%)
- Magenta (91%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67178C 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 67178C by changing the saturation by 10% instead.



67178C

67178C

FFFFFF

4C0072

9E4EC2

310059

BA68DF

190041

D783FC

000329

F59EFF

000114

FFBAFF

000000

FFD7FF

FFF4FF

67178C

67178C

63098C

6B258C

60008C

70338C

74418C

794F8C

7D5D8C

826B8C

86798C

8A878C

8F958C

# Harmonies

## Analogous

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



003FAC



67178C



92005A

# Triad

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



67178C



633700



005661

# Complementary

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



67178C



3C8C17

# 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.



005428



67178C



334900

# Square

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



67178C



870D00



005100



005692

# Rectangle

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



67178C



9A0037



005100



00564F



# Sweetspot

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



67178C



A788B5



173C8C



53405C



DBDBDB



5C5C5C



# Same Dimension

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



67178C



7C00B5



8C1777



433E45



5B0085



030005



# Inverse Universe

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



8C173C



B50039



178C2C



453E40



85002A

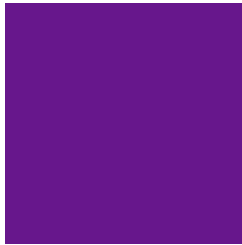


050002



# Previews

## White Background



This preview shows how the Hex color 67178C looks on a white background.

## Color Contrast Check

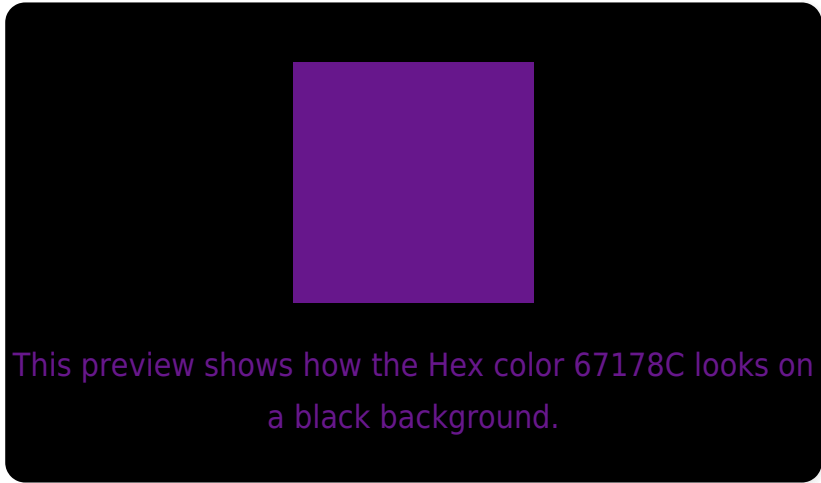
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

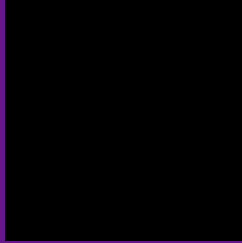
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 67178C Background



This preview shows how black text looks on a background with the Hex color 67178C.



This preview shows how white text looks on a background with the Hex color 67178C.

# 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**  
67178C

**Protanopia**  
004189

**Deuteranopia**  
004577



**Tritanopia**  
5A3A3E

# Trichromacy



**Original Color**  
67178C

**Protanomaly**  
25328A

**Deuteranomaly**  
25347F

**Tritanomaly**  
5F2D5A

# Monochromacy



**Original Color**  
67178C

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
4C2F59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67178C 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 #67178C looks like.

```
.text, #text, p{  
    color:#67178C  
}
```

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 #67178C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67178C
}
```

## Border

The CSS property to change the border of an element to Hex 67178C is called "border". The border property can be set on classes, ids or directly on the HTML element.

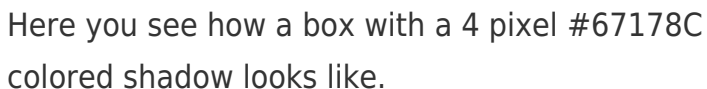
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67178C }
```

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

```
.border{ border-color:#67178C }
```

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



Here you see how a box with a 4 pixel #67178C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67178C; -webkit-box-shadow:4px 4px  
4px 4px #67178C; box-shadow:4px 4px 4px  
4px #67178C }
```

# Background

The CSS property to change the background color of an element to Hex 67178C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67178C }
```

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

```
.background{ background-color:#67178C }
```

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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