

# Converting Colors

Hex(60318C)

Have a look what the booklet for  
Hex(60318C) contains.

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**Color**

**Hex(60318C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	60318C
RGB	96, 49, 140
RGB Percent	38%, 19%, 55%
CMY	0.6235, 0.8078, 0.4510
CMYK	0.31, 0.65, 0.00, 0.45
HSL	271°, 48%, 37%
HSV	271°, 65%, 55%
XYZ	10.6558, 6.5769, 25.5188
YIQ	73.4270, -1.1990, 38.2650

# Conversions

## Conversions Part 2

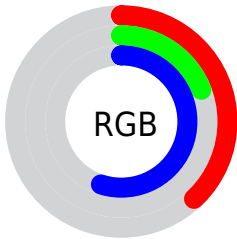
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 49, 140
Decimal	6304140
CIELab	30.82, 39.27, -42.58
CIElCh	31, 57.922, 312.683
Yxy	6.5769, 0.2493, 0.1538
Android (android.graphics.Color)	4284494220 (0xFF60318C)
YUV	73.4270, 32.8205, 19.7965
Hunter-Lab	25.6454, 29.2882, -41.0455

# Details

The Hex color **60318C** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5D8C31**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **9662C2**, and **2C0059** is the 20% darker color. If you saturate the color by 10%, you get **59238C**, and if you desaturate by 10%, it is **673F8C**.

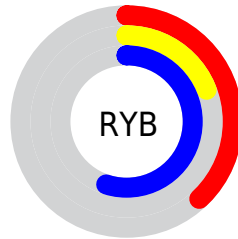
# Distribution



Red (38%)

Green (19%)

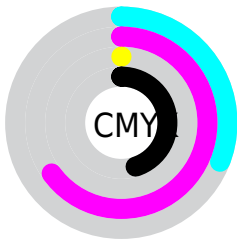
Blue (55%)



Red (38%)

Yellow (19%)

Blue (55%)

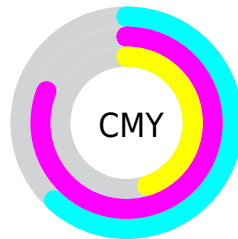


Cyan (31%)

Magenta (65%)

Yellow (0%)

Black (45%)



Cyan (62%)

Magenta (81%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60318C 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 60318C by changing the saturation by 10% instead.



 60318C

 60318C

FFFFFF

 461972

 9662C2

 2C0059

 B17CDE

 160041

 CE96FB

 00032A

 EBB1FF

 000114

 FFCDFE

 000000

 FFEAFF

 60318C

 60318C

 59238C

 673F8C

52158C

6E4D8C

4C078C

745B8C

48008C

7B698C

82778C

89858C

8F938C

96A18C

9DAF8C

# Harmonies

## Analogous

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



0048A2



60318C



8A0B65

# Triad

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



60318C



6F3C00



005B5B

# Complementary

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



60318C



5D8C31

# 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.



005A2C



60318C



484D00

# Square

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



60318C



8A220A



045600



005A86

# Rectangle

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



60318C



940047



045600



005B4C



# Sweetspot

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



60318C



A491B5



315F8C



51465C



DBDBDB



5C5C5C



# Same Dimension

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



60318C



7128B5



8C318C



423E45



440085



030005



# Inverse Universe

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



8C315D



B5286C



318C31



453E41



850040

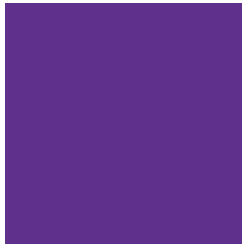


050002



# Previews

## White Background



This preview shows how the Hex color 60318C looks on a white background.

## Color Contrast Check

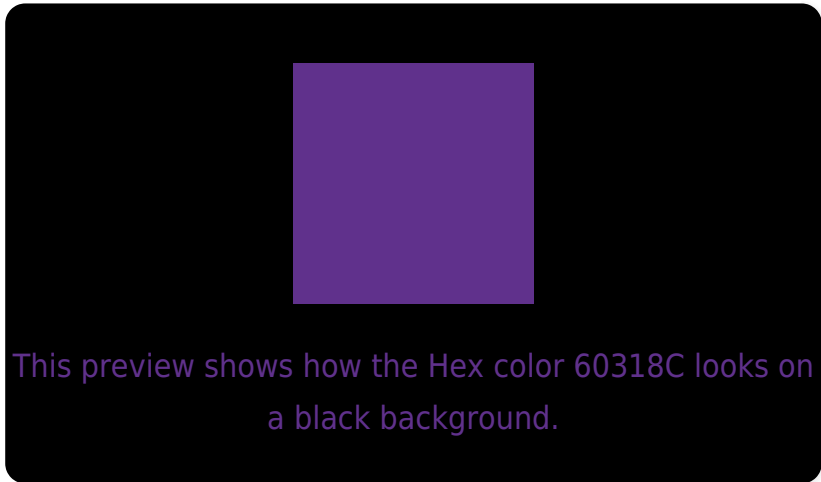
Large Text (above 18pt) WCAG AA ✓ Pass

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

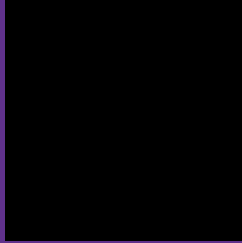
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 60318C Background



This preview shows how black text looks on a background with the Hex color 60318C.



This preview shows how white text looks on a background with the Hex color 60318C.

# 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**  
60318C

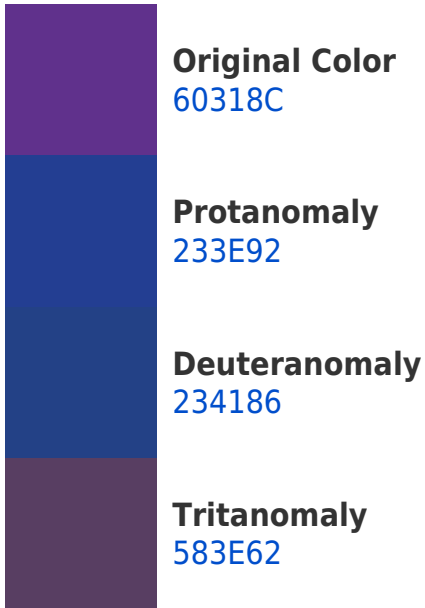
**Protanopia**  
004695

**Deuteranopia**  
004A83

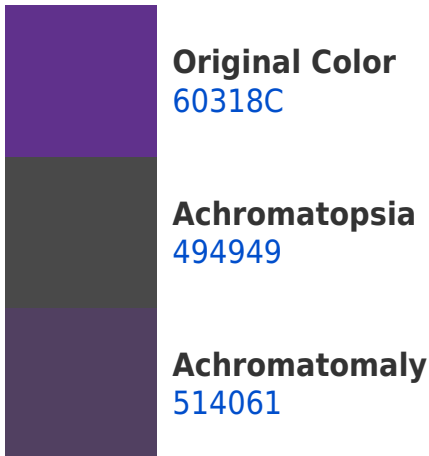


**Tritanopia**  
54454A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60318C 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 #60318C looks like.

```
.text, #text, p{  
    color:#60318C  
}
```

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 #60318C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60318C
}
```

## Border

The CSS property to change the border of an element to Hex 60318C is called "border". The border property can be set on classes, ids or directly on the HTML element.

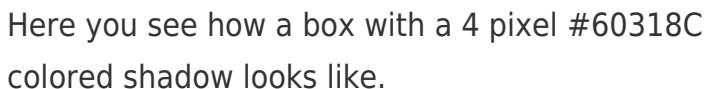
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#60318C }
```

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

```
.border{ border-color:#60318C }
```

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



Here you see how a box with a 4 pixel #60318C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60318C; -webkit-box-shadow:4px 4px  
4px 4px #60318C; box-shadow:4px 4px 4px  
4px #60318C }
```

# Background

The CSS property to change the background color of an element to Hex 60318C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60318C }
```

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

```
.background{ background-color:#60318C }
```

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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