

# Converting Colors

Hex(64198F)

Have a look what the booklet for  
Hex(64198F) contains.

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# Color

**Hex(64198F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64198F
RGB	100, 25, 143
RGB Percent	39%, 10%, 56%
CMY	0.6078, 0.9020, 0.4392
CMYK	0.30, 0.83, 0.00, 0.44
HSL	278°, 70%, 33%
HSV	278°, 83%, 56%
XYZ	10.5611, 5.3878, 26.4699
YIQ	60.8770, 6.8220, 52.5980

# Conversions

## Conversions Part 2

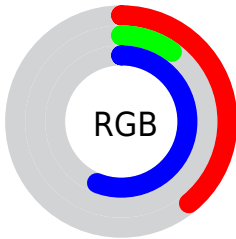
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 25, 143
Decimal	6560143
CIE Lab	27.81, 51.53, -49.28
CIE LCh	28, 71.306, 316.277
Yxy	5.3878, 0.2490, 0.1270
Android (android.graphics.Color)	4284750223 (0xFF64198F)
<b>YUV</b>	60.8770, 40.4866, 34.3109
Hunter-Lab	23.2115, 40.5960, -51.3649

# Details

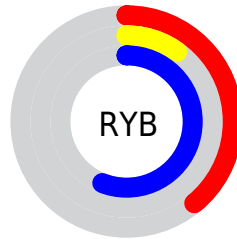
The Hex color **64198F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **448F19**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **9B4FC6**, and **2E005C** is the 20% darker color. If you saturate the color by 10%, you get **5F0B8F**, and if you desaturate by 10%, it is **69278F**.

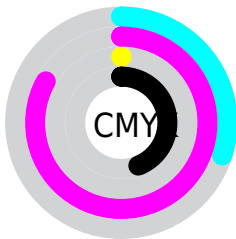
# Distribution



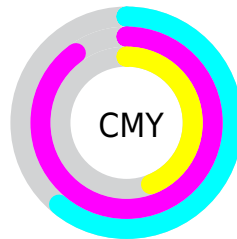
- Red (39%)
- Green (10%)
- Blue (56%)



- Red (39%)
- Yellow (10%)
- Blue (56%)



- Cyan (30%)
- Magenta (83%)
- Yellow (0%)
- Black (44%)



- Cyan (61%)
- Magenta (90%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64198F 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 64198F by changing the saturation by 10% instead.



64198F

64198F

FFFFFF

490075

9B4FC6

2E005C

B769E2

150043

D484FF

00032C

F29FFF

000116

FFBBFF

000000

FFD7FF

FFF4FF

64198F

64198F

■ 5F0B8F

■ 69278F

■ 5B008F

■ 6E368F

■ 74448F

■ 79528F

■ 7E618F

■ 836F8F

■ 887D8F

■ 8E8B8F

■ 939A8F

# Harmonies

## Analogous

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



0040AE



64198F



92005D

# Triad

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



64198F



663600



00565F

# Complementary

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



64198F



448F19

# 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.



005425



64198F



354800

# Square

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



64198F



890500



005100



005692

# Rectangle

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



64198F



9B0039



005100



00564C



# Sweetspot

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



64198F



A98CBA



19448F



54425E



DEDEDE



5E5E5E



# Same Dimension

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



64198F



7702BA



8F197F



454047



560087



050008



# Inverse Universe

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



8F1944



BA0245



198F29



474043



870031

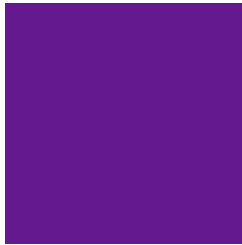


080003



# Previews

## White Background



This preview shows how the Hex color 64198F looks on a white background.

## Color Contrast Check

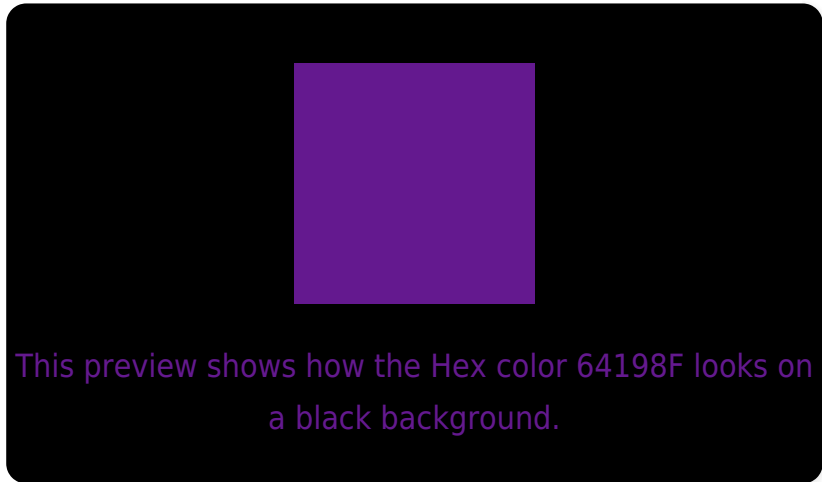
Large Text (above 18pt) WCAG AA ✓ Pass

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

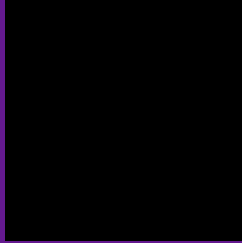
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 64198F Background



This preview shows how black text looks on a background with the Hex color 64198F.



This preview shows how white text looks on a background with the Hex color 64198F.

# 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**  
64198F

**Protanopia**  
004188

**Deuteranopia**  
004577



**Tritanopia**  
563B40

# Trichromacy



**Original Color**  
64198F

**Protanomaly**  
24328B

**Deuteranomaly**  
243580

**Tritanomaly**  
5B2F5D

# Monochromacy



**Original Color**  
64198F

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
4B305B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64198F 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 #64198F looks like.

```
.text, #text, p{  
    color:#64198F  
}
```

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 #64198F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64198F
}
```

## Border

The CSS property to change the border of an element to Hex 64198F is called "border". The border property can be set on classes, ids or directly on the HTML element.

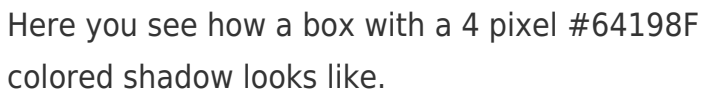
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64198F }
```

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

```
.border{ border-color:#64198F }
```

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



Here you see how a box with a 4 pixel #64198F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64198F; -webkit-box-shadow:4px 4px  
4px 4px #64198F; box-shadow:4px 4px 4px  
4px #64198F }
```

# Background

The CSS property to change the background color of an element to Hex 64198F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64198F }
```

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

```
.background{ background-color:#64198F }
```

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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