

Converting Colors

Hex(64208F)

Have a look what the booklet for
Hex(64208F) contains.

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Color

Hex(64208F)

Conversions

Conversions Part 1

Format	Color
Hex	64208F
RGB	100, 32, 143
RGB Percent	39%, 13%, 56%
CMY	0.6078, 0.8745, 0.4392
CMYK	0.30, 0.78, 0.00, 0.44
HSL	277°, 63%, 34%
HSV	277°, 78%, 56%
XYZ	10.7300, 5.7255, 26.5262
YIQ	64.9860, 4.8970, 48.9370

Conversions

Conversions Part 2

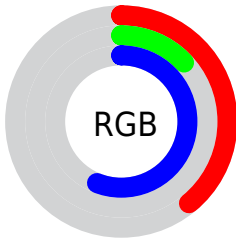
Format	Color
R_{YB}	100, 32, 143
Decimal	6561935
CIE _{Lab}	28.71, 48.94, -47.83
CIE _{LCh}	29, 68.429, 315.659
Yxy	5.7255, 0.2496, 0.1332
Android (android.graphics.Color)	4284752015 (0xFF64208F)
YUV	64.9860, 38.4609, 30.7073
Hunter-Lab	23.9281, 38.1700, -48.9782

Details

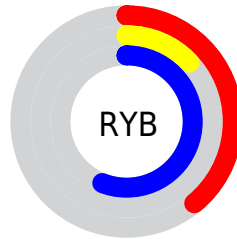
The Hex color **64208F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4B8F20**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **9B54C6**, and **2E005C** is the 20% darker color. If you saturate the color by 10%, you get **5E128F**, and if you desaturate by 10%, it is **6A2E8F**.

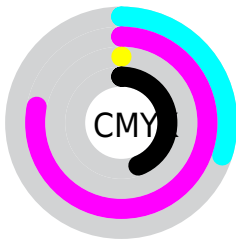
Distribution



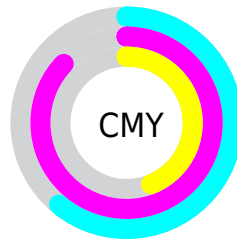
- Red (39%)
- Green (13%)
- Blue (56%)



- Red (39%)
- Yellow (13%)
- Blue (56%)



- Cyan (30%)
- Magenta (78%)
- Yellow (0%)
- Black (44%)



- Cyan (61%)
- Magenta (87%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64208F 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 64208F by changing the saturation by 10% instead.

 64208F

 64208F

FFFFFF

 490075

 9B54C6

 2E005C

 B76EE2

 170044

 D489FF

 00032C

 F1A4FF

 000116

 FFC0FF

 000000

 FFDCFF

 FFF9FF

 64208F

 64208F

■ 5E128F

■ 6A2E8F

■ 59038F

■ 6F3D8F

■ 58008F

■ 754B8F

■ 7A598F

■ 80688F

■ 85768F

■ 8B848F

■ 90928F

■ 96A18F

Harmonies

Analogous

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



0042AC



64208F



91005F

Triad

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



64208F



683800



00585F

Complementary

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



64208F



4B8F20

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.



005627



64208F



3A4A00

Square

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



64208F



8A0F00



005300



005790

Rectangle

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



64208F



9B003C



005300



00584D

Sweetspot

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



64208F



AA8FBA



204C8F



54445E



DEDEDE



5E5E5E

Same Dimension

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



64208F



770DBA



8F2084



454047



530087



050008

Inverse Universe

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



8F204B



BA0D50



208F2B



474043



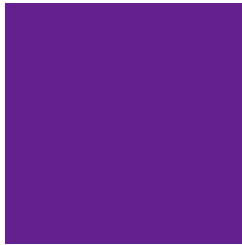
870034



080003

Previews

White Background



This preview shows how the Hex color 64208F looks on a white background.

Color Contrast Check

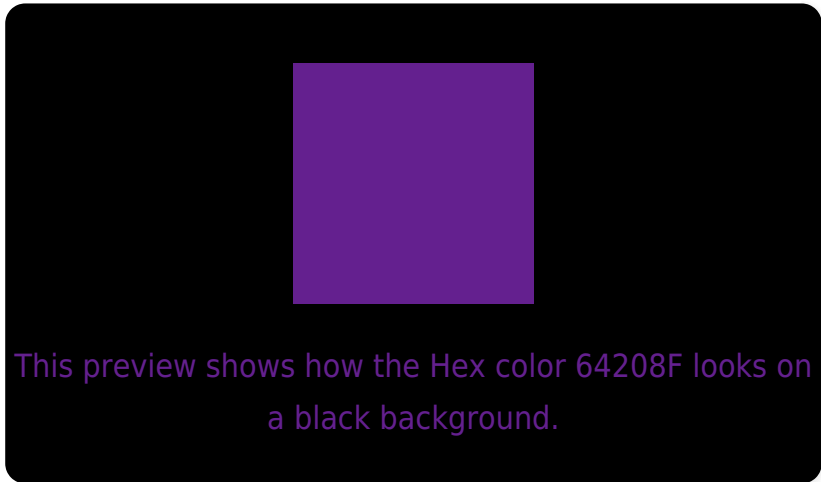
Large Text (above 18pt) WCAG AA ✓ Pass

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

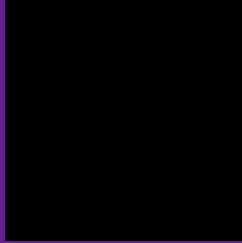
Any Text WCAG AA × Fail

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 64208F Background



This preview shows how black text looks on a background with the Hex color 64208F.



This preview shows how white text looks on a background with the Hex color 64208F.

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](#).

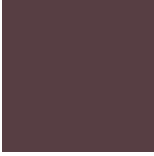
Dichromacy



Original Color
64208F

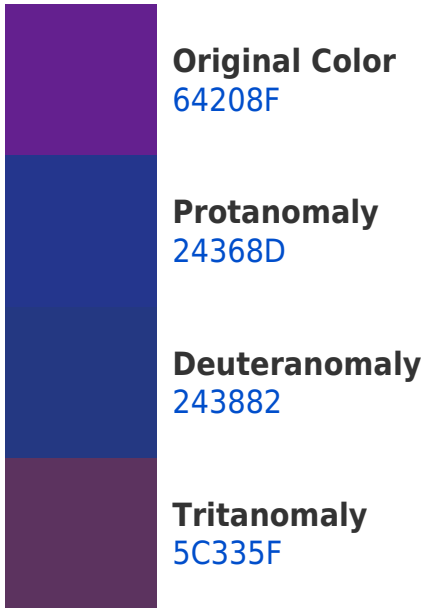
Protanopia
00428C

Deuteranopia
00467A

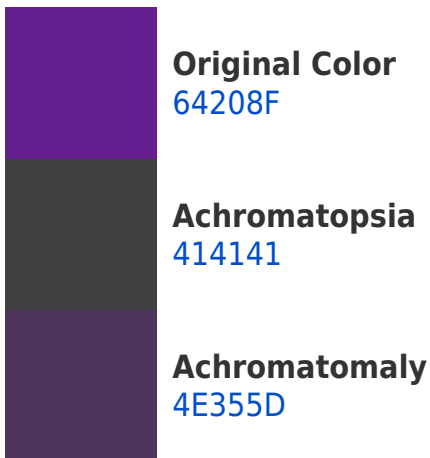


Tritanopia
573E43

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64208F 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 #64208F looks like.

```
.text, #text, p{  
    color:#64208F  
}
```

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 #64208F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64208F
}
```

Border

The CSS property to change the border of an element to Hex 64208F is called "border". The border property can be set on classes, ids or directly on the HTML element.

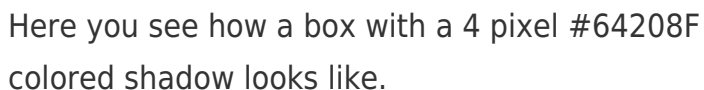
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64208F }
```

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

```
.border{ border-color:#64208F }
```

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



Here you see how a box with a 4 pixel #64208F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64208F; -webkit-box-shadow:4px 4px  
4px 4px #64208F; box-shadow:4px 4px 4px  
4px #64208F }
```

Background

The CSS property to change the background color of an element to Hex 64208F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64208F }
```

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

```
.background{ background-color:#64208F }
```

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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