

Converting Colors

Hex(67378A)

Have a look what the booklet for
Hex(67378A) contains.

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Color

Hex(67378A)

Conversions

Conversions Part 1

Format	Color
Hex	67378A
RGB	103, 55, 138
RGB Percent	40%, 22%, 54%
CMY	0.5961, 0.7843, 0.4588
CMYK	0.25, 0.60, 0.00, 0.46
HSL	275°, 43%, 38%
HSV	275°, 60%, 54%
XYZ	11.5472, 7.4509, 24.8743
YIQ	78.8140, 1.9650, 35.9890

Conversions

Conversions Part 2

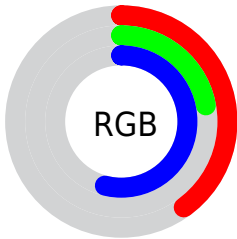
Format	Color
R_{YB}	103, 55, 138
Decimal	6764426
CIE _{Lab}	32.81, 37.24, -38.10
CIE _{LCh}	33, 53.279, 314.343
Yxy	7.4509, 0.2632, 0.1698
Android (android.graphics.Color)	4284954506 (0xFF67378A)
YUV	78.8140, 29.1787, 21.2111
Hunter-Lab	27.2964, 27.7420, -34.9217

Details

The Hex color **67378A** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5A8A37**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **9C68C0**, and **340557** is the 20% darker color. If you saturate the color by 10%, you get **61298A**, and if you desaturate by 10%, it is **6D458A**.

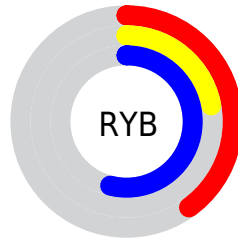
Distribution



Red (40%)

Green (22%)

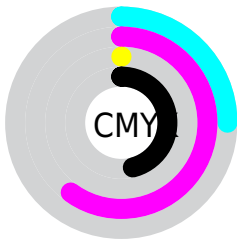
Blue (54%)



Red (40%)

Yellow (22%)

Blue (54%)

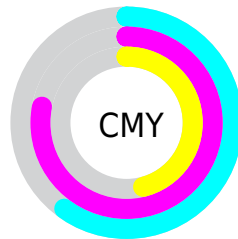


Cyan (25%)

Magenta (60%)

Yellow (0%)

Black (46%)



Cyan (60%)

Magenta (78%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67378A 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 67378A by changing the saturation by 10% instead.

67378A

67378A

FFFFFF

4D1F70

9C68C0

340557

B882DC

1D0040

D49DF9

000029

F1B8FF

000112

FFD4FF

000000

FFF0FF

67378A

67378A

61298A

6D458A

5B1B8A

73538A

560E8A

78608A

50008A

7E6E8A

847C8A

8A8A8A

90988A

96A58A

9BB38A

Harmonies

Analogous

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



004CA0



67378A



8C1E65

Triad

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



67378A



704300



005F61

Complementary

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



67378A



5A8A37

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.



005E35



67378A



4C5200

Square

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



67378A



8B2E12



145A03



005E88

Rectangle

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



67378A



951649



145A03



005F52

Sweetspot

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



67378A



A592B3



375B8A



514659



D9D9D9



595959

Same Dimension

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



67378A



7C32B3



8A3784



423E45



4D0085



030005

Inverse Universe

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



8A375A



B33268



378A3D



453E41



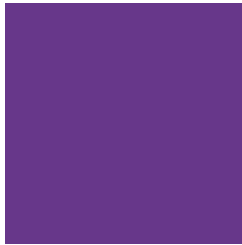
850038



050002

Previews

White Background



This preview shows how the Hex color 67378A 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

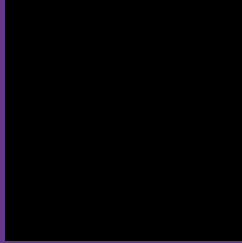
Any Text WCAG AA × Fail

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 67378A Background



This preview shows how black text looks on a background with the Hex color 67378A.

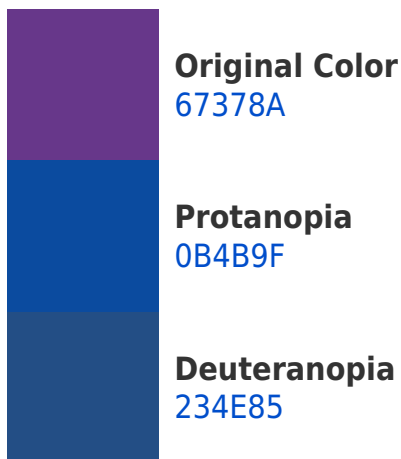


This preview shows how white text looks on a background with the Hex color 67378A.

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





Tritanopia
5D484E

Trichromacy



Original Color
67378A



Protanomaly
2C4497



Deuteranomaly
3C4687



Tritanomaly
614264

Monochromacy



Original Color
67378A



Achromatopsia
4F4F4F



Achromatomaly
584664

CSS Examples

Text

The CSS property to change the color of the text to Hex 67378A 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 #67378A looks like.

```
.text, #text, p{  
    color:#67378A  
}
```

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 #67378A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67378A
}
```

Border

The CSS property to change the border of an element to Hex 67378A 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
#67378A }
```

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

```
.border{ border-color:#67378A }
```

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

Here you see how a box with a 4 pixel #67378A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67378A; -webkit-box-shadow:4px 4px  
4px 4px #67378A; box-shadow:4px 4px 4px  
4px #67378A }
```

Background

The CSS property to change the background color of an element to Hex 67378A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67378A }
```

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

```
.background{ background-color:#67378A }
```

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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