

Converting Colors

RGB(126, 68, 228)

Have a look what the booklet for
RGB(126, 68, 228) contains.

RGB(126, 68, 228)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(126, 68, 228)

Conversions

Conversions Part 1

Format	Color
Hex	7E44E4
RGB	126, 68, 228
RGB Percent	49%, 27%, 89%
CMY	0.5059, 0.7333, 0.1059
CMYK	0.45, 0.70, 0.00, 0.11
HSL	262°, 75%, 58%
HSV	262°, 70%, 89%
XYZ	24.6749, 14.1713, 74.8336
YIQ	103.5820, -16.7920, 62.0560

Conversions

Conversions Part 2

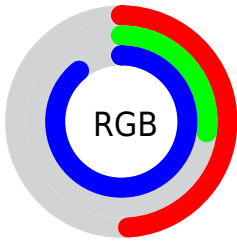
Format	Color
R_{YB}	126, 68, 228
Decimal	8275172
CIE _{Lab}	44.48, 58.29, -72.23
CIE _{LCh}	44, 92.811, 308.902
Yxy	14.1713, 0.2171, 0.1247
Android (android.graphics.Color)	4286465252 (0xFF7E44E4)
YUV	103.5820, 61.3381, 19.6606
Hunter-Lab	37.6448, 51.1224, -91.5105

Details

The RGB color **126, 68, 228** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **170, 228, 68**, and the grayscale version is **103, 103, 103**.

A 20% lighter version of the original color is **186, 120, 255**, and **64, 10, 171** is the 20% darker color. If you saturate the color by 10%, you get **111, 45, 228**, and if you desaturate by 10%, it is **141, 91, 228**.

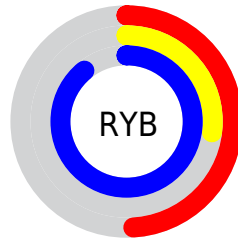
Distribution



Red (49%)

Green (27%)

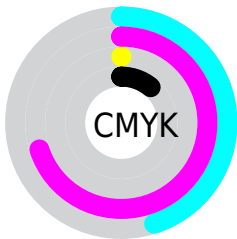
Blue (89%)



Red (49%)

Yellow (27%)

Blue (89%)

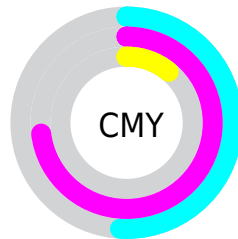


Cyan (45%)

Magenta (70%)

Yellow (0%)

Black (11%)



Cyan (51%)


















Magenta (73%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 126, 68, 228 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 RGB color 126, 68, 228 by changing the saturation by 10% instead.

 126, 68, 228	 126, 68, 228
 255, 255, 255	 96, 42, 199
 186, 120, 255	 64, 10, 171
 216, 147, 255	 23, 0, 144
 246, 175, 255	 0, 0, 117
 255, 203, 255	 0, 0, 92
 255, 232, 255	 0, 7, 67
	 0, 3, 44
	 0, 1, 22
	 0, 0, 0

■ 126, 68, 228

■ 126, 68, 228

■ 111, 45, 228

■ 141, 91, 228

■ 97, 22, 228

■ 155, 114, 228

■ 83, 0, 228

■ 170, 136, 228

■ 184, 159, 228

■ 199, 182, 228

■ 213, 205, 228

■ 228, 228, 228

■ 242, 250, 228

■ 255, 255, 228

Harmonies

Analogous

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



0, 110, 255



126, 68, 228



209, 0, 163

Triad

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



126, 68, 228



171, 79, 0



0, 134, 127

Complementary

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



126, 68, 228



170, 228, 68

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.



0, 132, 43



126, 68, 228



108, 110, 0

Square

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



126, 68, 228



216, 0, 2



0, 125, 0



0, 135, 202

Rectangle

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



126, 68, 228



230, 0, 112



0, 125, 0



0, 134, 100

Sweetspot

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



126, 68, 228



221, 201, 255



68, 172, 228



107, 96, 128



0, 0, 0



128, 128, 128

Same Dimension

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



126, 68, 228



118, 41, 255



204, 68, 228



107, 103, 115



65, 0, 179



18, 0, 51

Inverse Universe

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



228, 68, 170



255, 41, 177



92, 228, 68



115, 103, 111



179, 0, 114



51, 0, 33

Previews

White Background



This preview shows how the RGB color 126, 68, 228 looks on a white background.

Color Contrast Check

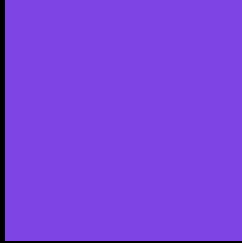
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 126, 68, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

RGB 126, 68, 228 Background



This preview shows how black text looks on a background with the RGB color 126, 68, 228.



This preview shows how white text looks on a background with the RGB color 126, 68, 228.

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

126, 68, 228

Protanopia

0, 101, 214

Deuteranopia

0, 108, 185



Tritanopia
98, 106, 114

Trichromacy



Original Color

126, 68, 228



Protanomaly

46, 89, 219



Deuteranomaly

46, 93, 201



Tritanomaly

108, 92, 155

Monochromacy



Original Color

126, 68, 228



Achromatopsia

104, 104, 104



Achromatomaly

112, 91, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 126, 68, 228 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 `rgb(126, 68, 228)` looks like.

```
.text, #text, p{  
    color:rgb(126, 68, 228)  
}
```

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 rgb(126, 68, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 68, 228) }
```

Border

The CSS property to change the border of an element to RGB 126, 68, 228 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 rgb(126, 68, 228) }
```

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

```
.border{ border-color:rgb(126, 68, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 68, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 68, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 68, 228);  
box-shadow:4px 4px 4px 4px rgb(126, 68,  
228) }
```

Background

The CSS property to change the background color of an element to RGB 126, 68, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 68, 228) }
```

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

```
.background{ background-color: rgb(126, 68,  
228) }
```

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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