

Converting Colors

RGB(102, 76, 122)

Have a look what the booklet for
RGB(102, 76, 122) contains.

RGB(102, 76, 122)	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(102, 76, 122)

Conversions

Conversions Part 1

Format	Color
Hex	664C7A
RGB	102, 76, 122
RGB Percent	40%, 30%, 48%
CMY	0.6000, 0.7020, 0.5216
CMYK	0.16, 0.38, 0.00, 0.52
HSL	274°, 23%, 39%
HSV	274°, 38%, 48%
XYZ	11.5768, 9.3988, 19.6163
YIQ	89.0180, 0.7300, 19.8180

Conversions

Conversions Part 2

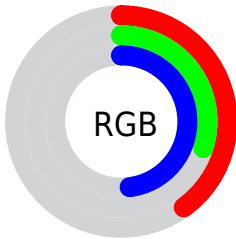
Format	Color
R_{YB}	102, 76, 122
Decimal	6704250
CIE _{Lab}	36.74, 20.52, -22.02
CIE _{LCh}	37, 30.100, 312.969
Yxy	9.3988, 0.2852, 0.2315
Android (android.graphics.Color)	4284894330 (0xFF664C7A)
YUV	89.0180, 16.2601, 11.3852
Hunter-Lab	30.6575, 13.7541, -16.4768

Details

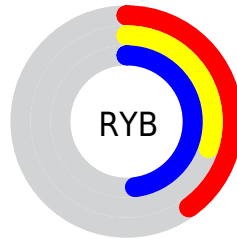
The RGB color **102, 76, 122** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **96, 122, 76**, and the grayscale version is **89, 89, 89**.

A 20% lighter version of the original color is **154, 125, 175**, and **54, 31, 73** is the 20% darker color. If you saturate the color by 10%, you get **97, 64, 122**, and if you desaturate by 10%, it is **107, 88, 122**.

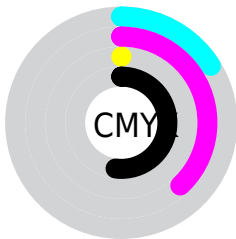
Distribution



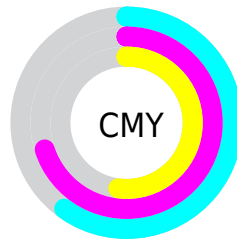
- Red (40%)
- Green (30%)
- Blue (48%)



- Red (40%)
- Yellow (30%)
- Blue (48%)



- Cyan (16%)
- Magenta (38%)
- Yellow (0%)
- Black (52%)






















- Cyan (60%)
- Magenta (70%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 102, 76, 122 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 102, 76, 122 by changing the saturation by 10% instead.

 102, 76, 122	 102, 76, 122
 255, 255, 255	 77, 53, 97
 154, 125, 175	 54, 31, 73
 181, 151, 202	 31, 10, 50
 209, 178, 230	 0, 0, 29
 237, 206, 255	 0, 0, 0
 255, 234, 255	

 102, 76, 122	 102, 76, 122
 97, 64, 122	 107, 88, 122
 91, 52, 122	 113, 100, 122

86, 39, 122

118, 113, 122

81, 27, 122

123, 125, 122

75, 15, 122

129, 137, 122

70, 3, 122

134, 149, 122

69, 0, 122

139, 161, 122

144, 174, 122

150, 186, 122

Harmonies

Analogous

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



65, 85, 134



102, 76, 122



124, 68, 101

Triad

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



102, 76, 122



113, 80, 40



0, 99, 96

Complementary

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



102, 76, 122



96, 122, 76

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.



27, 98, 71



102, 76, 122



91, 88, 38

Square

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



102, 76, 122



127, 72, 55



64, 94, 50



0, 97, 119

Rectangle

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



102, 76, 122



131, 66, 85



64, 94, 50



0, 99, 88

Sweetspot

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



102, 76, 122



151, 141, 158



76, 97, 122



75, 69, 79



207, 207, 207



79, 79, 79

Same Dimension

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



102, 76, 122



127, 87, 158



122, 76, 120



59, 55, 61



71, 0, 125



143, 0, 252

Inverse Universe

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



122, 76, 96



158, 87, 118



76, 122, 78



61, 55, 58



125, 0, 54



252, 0, 110

Previews

White Background



This preview shows how the RGB color 102, 76, 122 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



This preview shows how the RGB color 102, 76, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

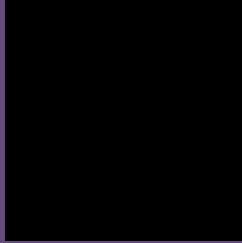
Any Text WCAG AA × Fail

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](#).

RGB 102, 76, 122 Background



This preview shows how black text looks on a background with the RGB color 102, 76, 122.



This preview shows how white text looks on a background with the RGB color 102, 76, 122.

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

102, 76, 122

Protanopia

72, 85, 129

Deuteranopia

76, 86, 120



Tritanopia

97, 83, 89

Trichromacy



Original Color

102, 76, 122

Protanomaly

83, 82, 126

Deuteranomaly

85, 82, 121

Tritanomaly

99, 80, 101

Monochromacy



Original Color

102, 76, 122

Achromatopsia

89, 89, 89

Achromatomaly

94, 84, 101

CSS Examples

Text

The CSS property to change the color of the text to RGB 102, 76, 122 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(102, 76, 122) looks like.

```
.text, #text, p{  
    color:rgb(102, 76, 122)  
}
```

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(102, 76, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 76, 122) }
```

Border

The CSS property to change the border of an element to RGB 102, 76, 122 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(102, 76, 122) }
```

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

```
.border{ border-color:rgb(102, 76, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 76, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 76, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 76, 122);  
box-shadow:4px 4px 4px 4px rgb(102, 76,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 102, 76, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 76, 122) }
```

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

```
.background{ background-color: rgb(102, 76,  
122) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor