

Converting Colors

RGB(122, 72, 105)

Have a look what the booklet for
RGB(122, 72, 105) contains.

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Color

RGB(122, 72, 105)

Conversions

Conversions Part 1

Format	Color
Hex	7A4869
RGB	122, 72, 105
RGB Percent	48%, 28%, 41%
CMY	0.5216, 0.7176, 0.5882
CMYK	0.00, 0.41, 0.14, 0.52
HSL	320°, 26%, 38%
HSV	320°, 41%, 48%
XYZ	12.8932, 9.7922, 14.5751
YIQ	90.7120, 19.2070, 20.8630

Conversions

Conversions Part 2

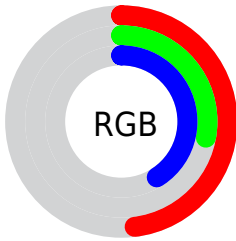
Format	Color
R_{YB}	122, 72, 105
Decimal	8013929
CIE _{Lab}	37.47, 26.45, -10.12
CIE _{LCh}	37, 28.319, 339.052
Yxy	9.7922, 0.3460, 0.2628
Android (android.graphics.Color)	4286204009 (0xFF7A4869)
YUV	90.7120, 7.0440, 27.4396
Hunter-Lab	31.2925, 18.7840, -5.7108

Details

The RGB color **122, 72, 105** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **72, 122, 89**, and the grayscale version is **91, 91, 91**.

A 20% lighter version of the original color is **175, 122, 156**, and **72, 26, 58** is the 20% darker color. If you saturate the color by 10%, you get **122, 60, 101**, and if you desaturate by 10%, it is **122, 84, 109**.

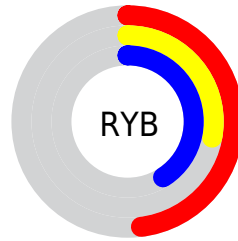
Distribution



Red (48%)

Green (28%)

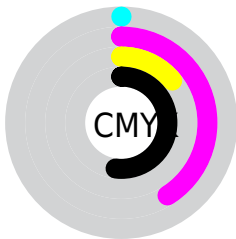
Blue (41%)



Red (48%)

Yellow (28%)

Blue (41%)

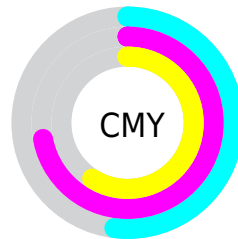


Cyan (0%)

Magenta (41%)

Yellow (14%)

Black (52%)



Cyan (52%)














Magenta (72%)







Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 122, 72, 105 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 122, 72, 105 by changing the saturation by 10% instead.

 122, 72, 105	 122, 72, 105
 255, 255, 255	 96, 49, 81
 175, 122, 156	 72, 26, 58
 203, 148, 183	 48, 3, 36
 232, 175, 211	 26, 0, 14
 255, 202, 239	 0, 0, 0
 255, 231, 255	

 122, 72, 105	 122, 72, 105
 122, 60, 101	 122, 84, 109
 122, 48, 97	 122, 96, 113

122, 35, 93

122, 109, 117

122, 23, 88

122, 121, 122

122, 11, 84

122, 133, 126

122, 0, 81

122, 145, 130

122, 157, 134

122, 170, 138

122, 182, 142

Harmonies

Analogous

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



99, 80, 124



122, 72, 105



132, 69, 82

Triad

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



122, 72, 105



96, 89, 42



0, 99, 116

Complementary

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



122, 72, 105



72, 122, 89

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, 100, 95



122, 72, 105



71, 95, 52

Square

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



122, 72, 105



116, 81, 46



40, 99, 71



0, 95, 130

Rectangle

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



122, 72, 105



131, 72, 67



40, 99, 71



0, 100, 110

Sweetspot

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



122, 72, 105



158, 139, 152



89, 72, 122



79, 68, 75



207, 207, 207



79, 79, 79

Same Dimension

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



122, 72, 105



158, 81, 132



122, 72, 80



61, 55, 59



125, 0, 82



252, 0, 167

Inverse Universe

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



122, 72, 105



158, 81, 132



72, 122, 114



61, 55, 59



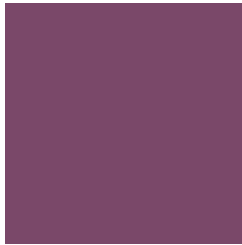
125, 0, 82



252, 0, 167

Previews

White Background



This preview shows how the RGB color 122, 72, 105 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 122, 72, 105 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 122, 72, 105 Background



This preview shows how black text looks on a background with the RGB color 122, 72, 105.



This preview shows how white text looks on a background with the RGB color 122, 72, 105.

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
122, 72, 105

Protanopia
81, 88, 116

Deuteranopia
91, 86, 102



Tritanopia
119, 76, 82

Trichromacy



Original Color

122, 72, 105

Protanomaly

96, 82, 112

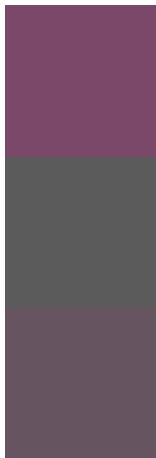
Deuteranomaly

102, 81, 103

Tritanomaly

120, 75, 90

Monochromacy



Original Color

122, 72, 105

Achromatopsia

91, 91, 91

Achromatomaly

102, 84, 96

CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 72, 105 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(122, 72, 105)` looks like.

```
.text, #text, p{  
    color:rgb(122, 72, 105)  
}
```

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(122, 72, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 72, 105) }
```

Border

The CSS property to change the border of an element to RGB 122, 72, 105 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(122, 72, 105) }
```

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

```
.border{ border-color:rgb(122, 72, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 72, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 72, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 72, 105);  
box-shadow:4px 4px 4px 4px rgb(122, 72,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 122, 72, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 72, 105) }
```

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

```
.background{ background-color: rgb(122, 72,  
105) }
```

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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