

Converting Colors

RGB(112, 75, 122)

Have a look what the booklet for
RGB(112, 75, 122) contains.

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Color

RGB(112, 75, 122)

Conversions

Conversions Part 1

Format	Color
Hex	704B7A
RGB	112, 75, 122
RGB Percent	44%, 29%, 48%
CMY	0.5608, 0.7059, 0.5216
CMYK	0.08, 0.39, 0.00, 0.52
HSL	287°, 24%, 39%
HSV	287°, 39%, 48%
XYZ	12.7110, 9.8820, 19.6498
YIQ	91.4210, 6.9650, 22.4610

Conversions

Conversions Part 2

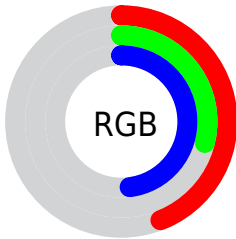
Format	Color
R_{YB}	112, 75, 122
Decimal	7359354
CIE _{Lab}	37.63, 24.53, -20.56
CIE _{LCh}	38, 32.004, 320.035
Yxy	9.8820, 0.3009, 0.2339
Android (android.graphics.Color)	4285549434 (0xFF704B7A)
YUV	91.4210, 15.0754, 18.0478
Hunter-Lab	31.4357, 17.1639, -15.0560

Details

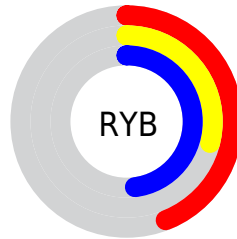
The RGB color **112, 75, 122** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **85, 122, 75**, and the grayscale version is **91, 91, 91**.

A 20% lighter version of the original color is **165, 125, 175**, and **63, 29, 73** is the 20% darker color. If you saturate the color by 10%, you get **109, 63, 122**, and if you desaturate by 10%, it is **115, 87, 122**.

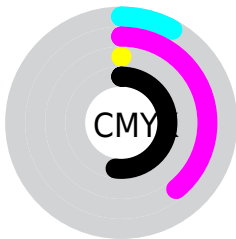
Distribution



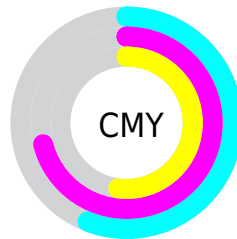
- Red (44%)
- Green (29%)
- Blue (48%)



- Red (44%)
- Yellow (29%)
- Blue (48%)



- Cyan (8%)
- Magenta (39%)
- Yellow (0%)
- Black (52%)



- Cyan (56%)
- Magenta (71%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 112, 75, 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 112, 75, 122 by changing the saturation by 10% instead.



112, 75, 122



112, 75, 122

255, 255, 255



87, 52, 97



165, 125, 175



63, 29, 73



192, 151, 202



40, 7, 50



220, 177, 230



17, 0, 29



249, 205, 255



0, 0, 0



255, 233, 255



112, 75, 122



112, 75, 122



109, 63, 122



115, 87, 122



107, 51, 122



117, 99, 122

104, 38, 122

120, 112, 122

102, 26, 122

122, 124, 122

99, 14, 122

125, 136, 122

96, 2, 122

128, 148, 122

96, 0, 122

130, 160, 122

133, 173, 122

135, 185, 122

Harmonies

Analogous

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



76, 85, 137



112, 75, 122



132, 68, 98

Triad

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



112, 75, 122



111, 84, 36



0, 102, 105

Complementary

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



112, 75, 122



85, 122, 75

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, 101, 79



112, 75, 122



87, 92, 38

Square

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



112, 75, 122



129, 75, 50



57, 98, 54



0, 99, 128

Rectangle

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



112, 75, 122



137, 67, 81



57, 98, 54



0, 102, 97

Sweetspot

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



112, 75, 122



154, 139, 158



75, 85, 122



77, 68, 79



207, 207, 207



79, 79, 79

Same Dimension

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



112, 75, 122



143, 85, 158



122, 75, 109



60, 55, 61



98, 0, 125



199, 0, 252

Inverse Universe

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



122, 75, 85



158, 85, 101



75, 122, 88



61, 55, 56



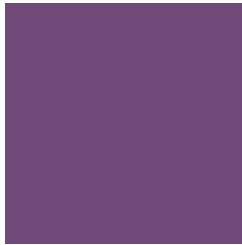
125, 0, 27



252, 0, 54

Previews

White Background



This preview shows how the RGB color 112, 75, 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 112, 75, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

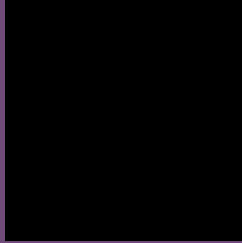
Any Text WCAG AA × Fail

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 112, 75, 122 Background



This preview shows how black text looks on a background with the RGB color 112, 75, 122.

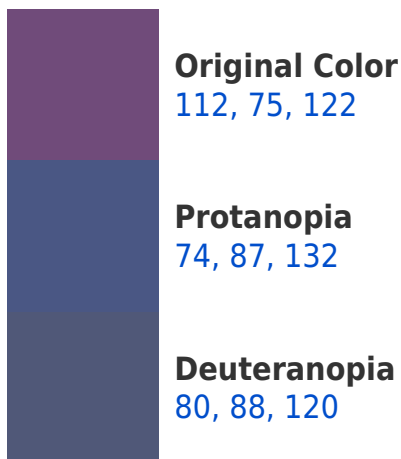


This preview shows how white text looks on a background with the RGB color 112, 75, 122.

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





Tritanopia
107, 82, 88

Trichromacy



Original Color

112, 75, 122

Protanomaly

88, 83, 128

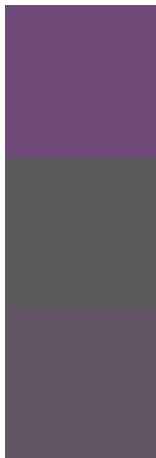
Deuteranomaly

92, 83, 121

Tritanomaly

109, 79, 100

Monochromacy



Original Color

112, 75, 122

Achromatopsia

91, 91, 91

Achromatomaly

99, 85, 102

CSS Examples

Text

The CSS property to change the color of the text to RGB 112, 75, 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(112, 75, 122)` looks like.

```
.text, #text, p{  
    color:rgb(112, 75, 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(112, 75, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 75, 122) }
```

Border

The CSS property to change the border of an element to RGB 112, 75, 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(112, 75, 122) }
```

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

```
.border{ border-color:rgb(112, 75, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 75, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 75, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 75, 122);  
box-shadow:4px 4px 4px 4px rgb(112, 75,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 112, 75, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 75, 122) }
```

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

```
.background{ background-color: rgb(112, 75,  
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](#).

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