

Converting Colors

RGB(112, 74, 131)

Have a look what the booklet for
RGB(112, 74, 131) contains.

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Color

RGB(112, 74, 131)

Conversions

Conversions Part 1

Format	Color
Hex	704A83
RGB	112, 74, 131
RGB Percent	44%, 29%, 51%
CMY	0.5608, 0.7098, 0.4863
CMYK	0.15, 0.44, 0.00, 0.49
HSL	280°, 28%, 40%
HSV	280°, 44%, 51%
XYZ	13.2276, 9.9810, 22.7021
YIQ	91.8600, 4.3510, 25.7830

Conversions

Conversions Part 2

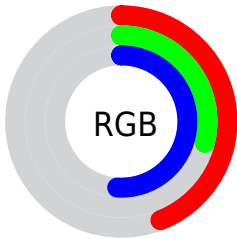
Format	Color
R_{YB}	112, 74, 131
Decimal	7359107
CIE _{Lab}	37.81, 27.18, -25.82
CIE _{LCh}	38, 37.489, 316.466
Yxy	9.9810, 0.2881, 0.2174
Android (android.graphics.Color)	4285549187 (0xFF704A83)
YUV	91.8600, 19.2960, 17.6628
Hunter-Lab	31.5927, 19.4492, -20.4901

Details

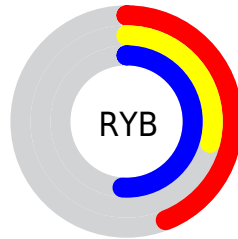
The RGB color **112, 74, 131** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **93, 131, 74**, and the grayscale version is **92, 92, 92**.

A 20% lighter version of the original color is **165, 124, 184**, and **62, 28, 81** is the 20% darker color. If you saturate the color by 10%, you get **108, 61, 131**, and if you desaturate by 10%, it is **116, 87, 131**.

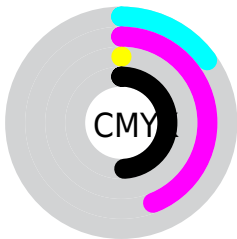
Distribution



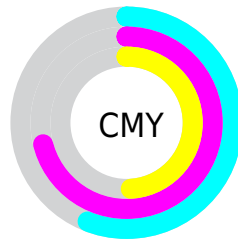
- Red (44%)
- Green (29%)
- Blue (51%)



- Red (44%)
- Yellow (29%)
- Blue (51%)



- Cyan (15%)
- Magenta (44%)
- Yellow (0%)
- Black (49%)



- Cyan (56%)
- Magenta (71%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 112, 74, 131 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, 74, 131 by changing the saturation by 10% instead.



112, 74, 131



112, 74, 131

255, 255, 255



87, 51, 106



165, 124, 184



62, 28, 81



192, 150, 212



39, 6, 58



220, 177, 240



17, 0, 36



249, 204, 255



0, 0, 12



255, 233, 255



0, 0, 0



112, 74, 131



112, 74, 131



108, 61, 131



116, 87, 131



103, 48, 131



121, 100, 131

■ 99, 35, 131

■ 125, 113, 131

■ 95, 22, 131

■ 129, 126, 131

■ 90, 9, 131

■ 134, 139, 131

■ 87, 0, 131

■ 138, 153, 131

■ 143, 166, 131

■ 147, 179, 131

■ 151, 192, 131

Harmonies

Analogous

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



65, 86, 147



112, 74, 131



137, 64, 104

Triad

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



112, 74, 131



117, 83, 27



0, 104, 105

Complementary

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



112, 74, 131



93, 131, 74

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, 103, 74



112, 74, 131



90, 93, 26

Square

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



112, 74, 131



137, 71, 46



55, 99, 45



0, 102, 132

Rectangle

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



112, 74, 131



144, 62, 84



55, 99, 45



0, 104, 95

Sweetspot

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



112, 74, 131



163, 149, 171



74, 93, 131



82, 73, 87



214, 214, 214



87, 87, 87

Same Dimension

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



112, 74, 131



141, 82, 171



131, 74, 121



64, 60, 66



87, 0, 130



2, 0, 3

Inverse Universe

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



131, 74, 93



171, 82, 112



74, 131, 83



66, 60, 62



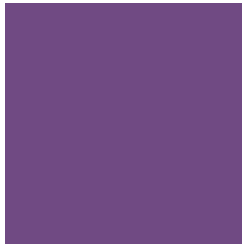
130, 0, 43



3, 0, 1

Previews

White Background



This preview shows how the RGB color 112, 74, 131 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, 74, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

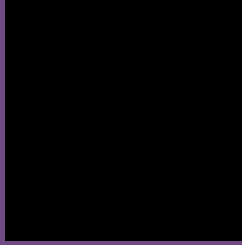
Any Text WCAG AA × Fail

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 112, 74, 131 Background



This preview shows how black text looks on a background with the RGB color 112, 74, 131.

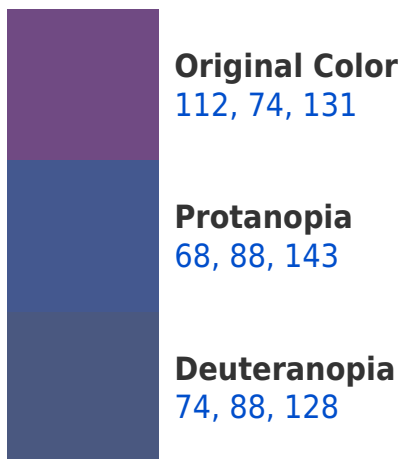


This preview shows how white text looks on a background with the RGB color 112, 74, 131.

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
106, 83, 90

Trichromacy



Original Color
112, 74, 131

Protanomaly
84, 83, 139

Deuteranomaly
88, 83, 129

Tritanomaly
108, 80, 105

Monochromacy



Original Color
112, 74, 131

Achromatopsia
92, 92, 92

Achromatomaly
99, 85, 106

CSS Examples

Text

The CSS property to change the color of the text to RGB 112, 74, 131 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, 74, 131)` looks like.

```
.text, #text, p{  
    color:rgb(112, 74, 131)  
}
```

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, 74, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 74, 131) }
```

Border

The CSS property to change the border of an element to RGB 112, 74, 131 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, 74, 131) }
```

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

```
.border{ border-color:rgb(112, 74, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 74, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 74, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 74, 131);  
box-shadow:4px 4px 4px 4px rgb(112, 74,  
131) }
```

Background

The CSS property to change the background color of an element to RGB 112, 74, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 74, 131) }
```

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

```
.background{ background-color: rgb(112, 74,  
131) }
```

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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