

Converting Colors

RGB(102, 92, 131)

Have a look what the booklet for
RGB(102, 92, 131) contains.

| | |
|--|----|
| RGB(102, 92, 131) | 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, 92, 131)

Conversions

| Conversions Part 1 | |
|--------------------|---------------------------|
| Format | Color |
| Hex | 665C83 |
| RGB | 102, 92, 131 |
| RGB Percent | 40%, 36%, 51% |
| CMY | 0.6000, 0.6392, 0.4863 |
| CMYK | 0.22, 0.30, 0.00, 0.49 |
| HSL | 255°, 17%, 44% |
| HSV | 255°, 30%, 51% |
| XYZ | 13.4034, 12.1178, 23.1053 |
| YIQ | 99.4360, -6.5590, 14.2490 |

Conversions

Conversions Part 2

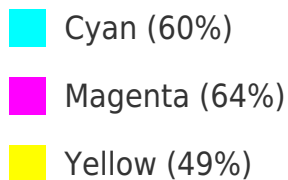
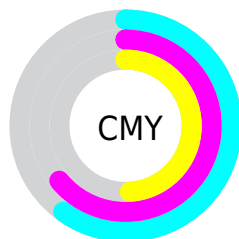
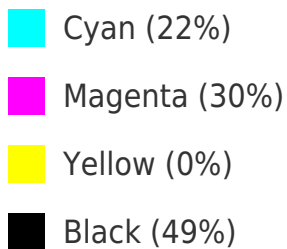
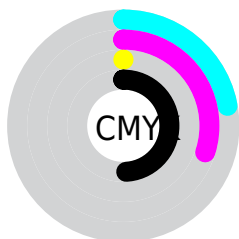
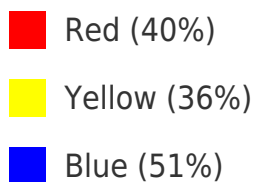
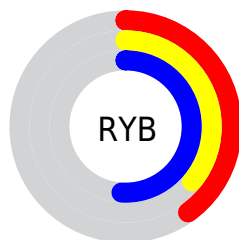
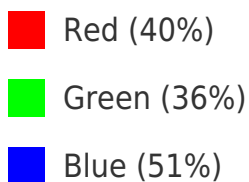
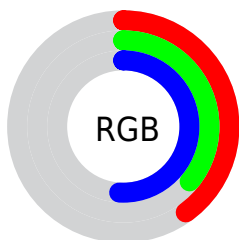
| Format | Color |
|-------------------------------------|--|
| RYB | 102, 92, 131 |
| Decimal | 6708355 |
| CIELab | 41.40, 12.83, -20.32 |
| CIELCh | 41, 24.032, 302.260 |
| Yxy | 12.1178, 0.2756, 0.2492 |
| Android (android.graphics.Color) | 4284898435 (0xFF665C83) |
| YUV | 99.4360, 15.5611, 2.2486 |
| Hunter-Lab | 34.8106, 7.8106, -14.9859 |

Details

The RGB color **102, 92, 131** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **121, 131, 92**, and the grayscale version is **99, 99, 99**.

A 20% lighter version of the original color is **154, 142, 184**, and **54, 46, 81** is the 20% darker color. If you saturate the color by 10%, you get **92, 79, 131**, and if you desaturate by 10%, it is **112, 105, 131**.

Distribution



Brightness & Saturation Gradients

These gradients show how the RGB color 102, 92, 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 102, 92, 131 by changing the saturation by 10% instead.



102, 92, 131



102, 92, 131

255, 255, 255



78, 68, 106



154, 142, 184



54, 46, 81



181, 169, 212



32, 25, 58



208, 196, 240



13, 0, 37



237, 224, 255



0, 1, 13

255, 253, 255



0, 0, 0



102, 92, 131



102, 92, 131



92, 79, 131



112, 105, 131




83, 66, 131




121, 118, 131


 73, 53, 131

 131, 131, 131


 63, 40, 131


 141, 144, 131


 53, 27, 131

 151, 158, 131


 44, 13, 131

 160, 171, 131

 34, 0, 131

 170, 184, 131

 34, 0, 131

 180, 197, 131

 190, 210, 131

Harmonies

Analogous

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



72, 99, 137



102, 92, 131



124, 85, 116

Triad

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



102, 92, 131



126, 90, 63



40, 108, 99

Complementary

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



102, 92, 131



121, 131, 92

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.



65, 107, 79



102, 92, 131



109, 97, 58

Square

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



102, 92, 131



135, 84, 78



89, 103, 64



21, 108, 118

Rectangle

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



102, 92, 131



133, 83, 104



89, 103, 64



48, 108, 92

Sweetspot

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



102, 92, 131



159, 155, 171



92, 121, 131



80, 77, 87



214, 214, 214



87, 87, 87

Same Dimension

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



102, 92, 131



125, 109, 171



121, 92, 131



61, 60, 66



33, 0, 130



1, 0, 3

Inverse Universe

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



131, 92, 121



171, 109, 155



102, 131, 92



66, 60, 65



130, 0, 97



3, 0, 2

Previews

White Background



This preview shows how the RGB color 102, 92, 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 × Fail

Black Background



This preview shows how the RGB color 102, 92, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

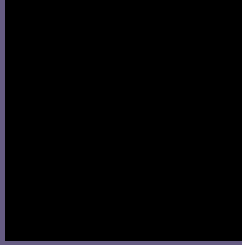
Any Text WCAG AA × Fail

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 102, 92, 131 Background



This preview shows how black text looks on a background with the RGB color 102, 92, 131.



This preview shows how white text looks on a background with the RGB color 102, 92, 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



Original Color

102, 92, 131

Protanopia

86, 96, 134

Deuteranopia

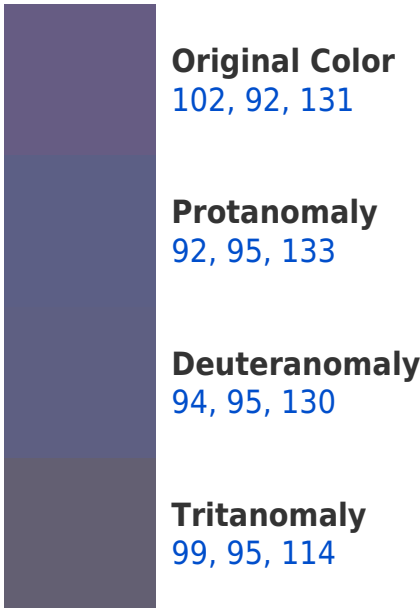
89, 96, 130



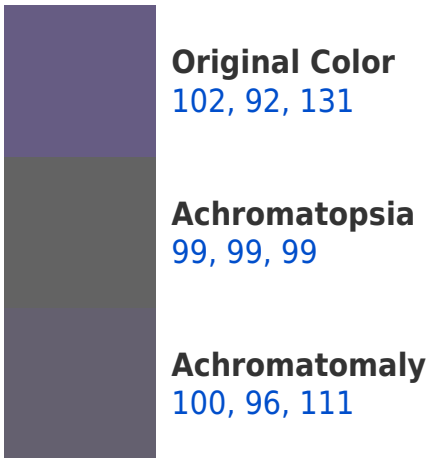
Tritanopia

97, 97, 105

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 102, 92, 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(102, 92, 131)` looks like.

```
.text, #text, p{  
    color:rgb(102, 92, 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(102, 92, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 92, 131) }
```

Border

The CSS property to change the border of an element to RGB 102, 92, 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(102, 92, 131) }
```

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

```
.border{ border-color:rgb(102, 92, 131) }
```

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

Here you see how a box with a 4 pixel rgb(102, 92, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 92, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 92, 131);  
box-shadow:4px 4px 4px 4px rgb(102, 92,  
131) }
```

Background

The CSS property to change the background color of an element to RGB 102, 92, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 92, 131) }
```

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

```
.background{ background-color: rgb(102, 92,  
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](#).

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