

Converting Colors

RGB(165, 74, 130)

Have a look what the booklet for
RGB(165, 74, 130) contains.

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Color

RGB(165, 74, 130)

Conversions

Conversions Part 1

Format	Color
Hex	A54A82
RGB	165, 74, 130
RGB Percent	65%, 29%, 51%
CMY	0.3529, 0.7098, 0.4902
CMYK	0.00, 0.55, 0.21, 0.35
HSL	323°, 38%, 47%
HSV	323°, 55%, 65%
XYZ	21.9951, 14.5086, 22.7603
YIQ	107.5930, 36.2600, 36.7080

Conversions

Conversions Part 2

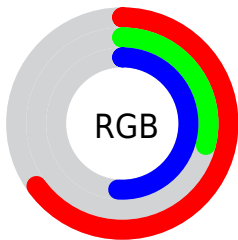
Format	Color
R_{YB}	165, 74, 130
Decimal	10832514
CIE _{Lab}	44.95, 44.24, -13.60
CIE _{LCh}	45, 46.285, 342.908
Yxy	14.5086, 0.3711, 0.2448
Android (android.graphics.Color)	4289022594 (0xFFA54A82)
YUV	107.5930, 11.0467, 50.3459
Hunter-Lab	38.0902, 36.4168, -8.7648

Details

The RGB color **165, 74, 130** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **74, 165, 109**, and the grayscale version is **107, 107, 107**.

A 20% lighter version of the original color is **222, 126, 183**, and **110, 19, 81** is the 20% darker color. If you saturate the color by 10%, you get **165, 57, 124**, and if you desaturate by 10%, it is **165, 91, 136**.

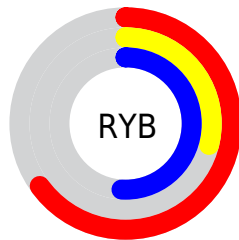
Distribution



Red (65%)

Green (29%)

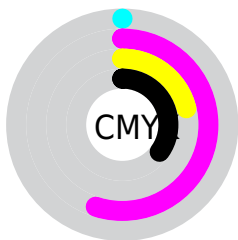
Blue (51%)



Red (65%)

Yellow (29%)

Blue (51%)

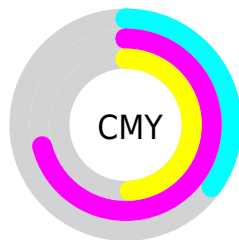


Cyan (0%)

Magenta (55%)

Yellow (21%)

Black (35%)



Cyan (35%)

Magenta (71%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 165, 74, 130 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 165, 74, 130 by changing the saturation by 10% instead.



165, 74, 130



165, 74, 130

255, 255, 255



137, 48, 105



222, 126, 183



110, 19, 81



252, 153, 211



84, 0, 58



255, 181, 239



59, 0, 36



255, 209, 255



34, 0, 13



255, 238, 255



0, 0, 0



165, 74, 130



165, 74, 130



165, 57, 124



165, 91, 136



165, 41, 117



165, 107, 143

165, 24, 111

165, 123, 149

165, 8, 105

165, 140, 155

165, 0, 102

165, 156, 162

165, 173, 168

165, 189, 174

165, 206, 181

165, 223, 187

Harmonies

Analogous

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



130, 89, 163



165, 74, 130



177, 70, 91

Triad

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



165, 74, 130



111, 110, 22



0, 123, 158

Complementary

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



165, 74, 130



74, 165, 109

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, 125, 122



165, 74, 130



68, 119, 46

Square

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



165, 74, 130



145, 96, 28



0, 123, 82



0, 117, 180

Rectangle

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



165, 74, 130



173, 76, 67



0, 123, 82



0, 124, 147

Sweetspot

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



165, 74, 130



214, 178, 200



109, 74, 165



107, 86, 99



235, 235, 235



107, 107, 107

Same Dimension

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



165, 74, 130



214, 73, 160



165, 74, 85



82, 73, 78



145, 0, 89



18, 0, 11

Inverse Universe

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



165, 74, 130



214, 73, 160



74, 165, 154



82, 73, 78



145, 0, 89



18, 0, 11

Previews

White Background



This preview shows how the RGB color 165, 74, 130 looks on a white background.

Color Contrast Check

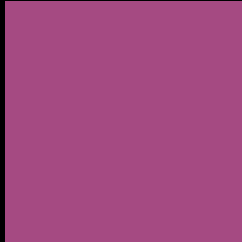
Large Text (above 18pt) WCAG AA ✓ Pass

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 165, 74, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

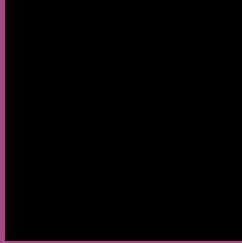
Any Text WCAG AA × Fail

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 165, 74, 130 Background



This preview shows how black text looks on a background with the RGB color 165, 74, 130.

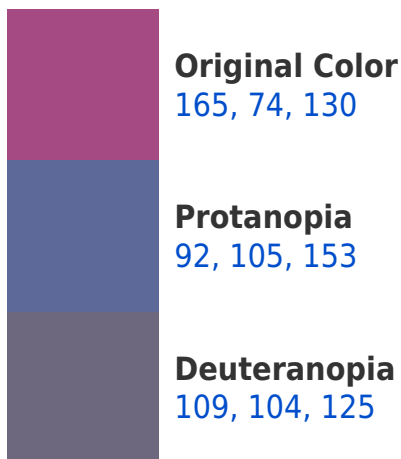


This preview shows how white text looks on a background with the RGB color 165, 74, 130.

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

161, 83, 89

Trichromacy



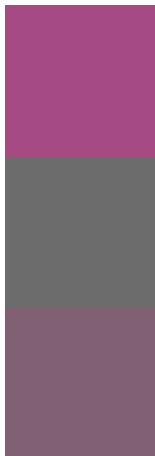
Original Color
165, 74, 130

Protanomaly
119, 94, 145

Deuteranomaly
129, 93, 127

Tritanomaly
162, 80, 104

Monochromacy



Original Color
165, 74, 130

Achromatopsia
108, 108, 108

Achromatomaly
129, 96, 116

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 74, 130 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(165, 74, 130)` looks like.

```
.text, #text, p{  
    color:rgb(165, 74, 130)  
}
```

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(165, 74, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 74, 130) }
```

Border

The CSS property to change the border of an element to RGB 165, 74, 130 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(165, 74, 130) }
```

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

```
.border{ border-color:rgb(165, 74, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 74, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 74, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 74, 130);  
box-shadow:4px 4px 4px 4px rgb(165, 74,  
130) }
```

Background

The CSS property to change the background color of an element to RGB 165, 74, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 74, 130) }
```

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

```
.background{ background-color: rgb(165, 74,  
130) }
```

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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