

Converting Colors

RGB(164, 86, 116)

Have a look what the booklet for
RGB(164, 86, 116) contains.

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Color

RGB(164, 86, 116)

Conversions

Conversions Part 1

Format	Color
Hex	A45674
RGB	164, 86, 116
RGB Percent	64%, 34%, 45%
CMY	0.3569, 0.6627, 0.5451
CMYK	0.00, 0.48, 0.29, 0.36
HSL	337°, 31%, 49%
HSV	337°, 48%, 64%
XYZ	21.7900, 15.8090, 18.4260
YIQ	112.7420, 36.8580, 25.8660

Conversions

Conversions Part 2

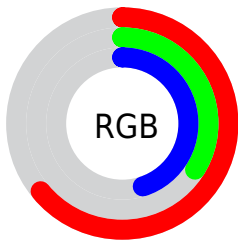
Format	Color
R_{YB}	164, 86, 116
Decimal	10770036
CIE _{Lab}	46.72, 35.66, -2.48
CIE _{LCh}	47, 35.744, 356.018
Yxy	15.8090, 0.3889, 0.2822
Android (android.graphics.Color)	4288960116 (0xFFA45674)
YUV	112.7420, 1.6062, 44.9533
Hunter-Lab	39.7606, 28.2424, 0.3560

Details

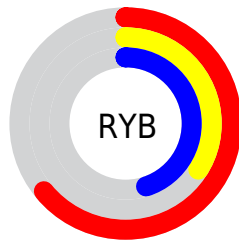
The RGB color **164, 86, 116** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **86, 164, 134**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **221, 138, 168**, and **110, 36, 68** is the 20% darker color. If you saturate the color by 10%, you get **164, 70, 106**, and if you desaturate by 10%, it is **164, 102, 126**.

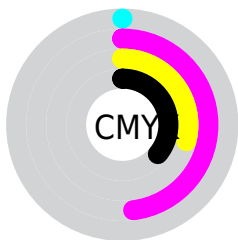
Distribution



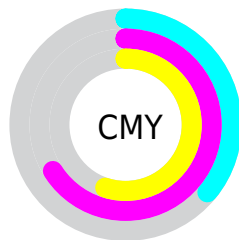
- Red (64%)
- Green (34%)
- Blue (45%)



- Red (64%)
- Yellow (34%)
- Blue (45%)



- Cyan (0%)
- Magenta (48%)
- Yellow (29%)
- Black (36%)



- Cyan (36%)
- Magenta (66%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 164, 86, 116 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 164, 86, 116 by changing the saturation by 10% instead.



164, 86, 116



164, 86, 116

255, 255, 255



137, 61, 91



221, 138, 168



110, 36, 68



250, 165, 195



84, 9, 46



255, 192, 223



58, 0, 25



255, 220, 252



35, 0, 1



255, 249, 255



0, 0, 0



164, 86, 116



164, 86, 116



164, 70, 106



164, 102, 126



164, 53, 96



164, 119, 136

164, 37, 86

164, 135, 146

164, 20, 76

164, 152, 156

164, 4, 66

164, 168, 166

164, 0, 63

164, 184, 177

164, 201, 187

164, 217, 197

164, 234, 207

Harmonies

Analogous

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



144, 93, 145



164, 86, 116



167, 88, 86

Triad

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



164, 86, 116



102, 117, 55



0, 122, 160

Complementary

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



164, 86, 116



86, 164, 134

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, 126, 136



164, 86, 116



66, 123, 76

Square

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



164, 86, 116



132, 108, 49



0, 126, 106



47, 115, 170

Rectangle

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



164, 86, 116



160, 93, 69



0, 126, 106



0, 124, 153

Sweetspot

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



164, 86, 116



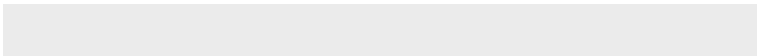
214, 184, 196



133, 86, 164



107, 89, 96



235, 235, 235



107, 107, 107

Same Dimension

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



164, 86, 116



214, 92, 139



164, 94, 86



82, 73, 77



145, 0, 56



18, 0, 7

Inverse Universe

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



164, 86, 116



214, 92, 139



86, 156, 164



82, 73, 77



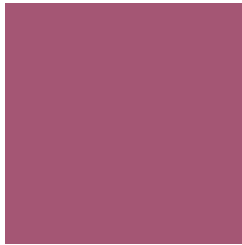
145, 0, 56



18, 0, 7

Previews

White Background



This preview shows how the RGB color 164, 86, 116 looks on a white background.

Color Contrast Check

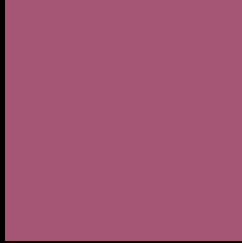
Large Text (above 18pt) WCAG AA ✓ Pass

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 164, 86, 116 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 164, 86, 116 Background



This preview shows how black text looks on a background with the RGB color 164, 86, 116.



This preview shows how white text looks on a background with the RGB color 164, 86, 116.

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

164, 86, 116

Protanopia

107, 110, 131

Deuteranopia

121, 108, 112



Tritanopia
162, 90, 96

Trichromacy



Original Color

164, 86, 116

Protanomaly

128, 101, 126

Deuteranomaly

137, 100, 113

Tritanomaly

163, 89, 103

Monochromacy



Original Color

164, 86, 116

Achromatopsia

113, 113, 113

Achromatomaly

132, 103, 114

CSS Examples

Text

The CSS property to change the color of the text to RGB 164, 86, 116 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(164, 86, 116) looks like.

```
.text, #text, p{  
    color:rgb(164, 86, 116)  
}
```

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(164, 86, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 86, 116) }
```

Border

The CSS property to change the border of an element to RGB 164, 86, 116 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(164, 86, 116) }
```

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

```
.border{ border-color:rgb(164, 86, 116) }
```

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

Here you see how a box with a 4 pixel rgb(164, 86, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 86, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 86, 116);  
box-shadow:4px 4px 4px 4px rgb(164, 86,  
116) }
```

Background

The CSS property to change the background color of an element to RGB 164, 86, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 86, 116) }
```

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

```
.background{ background-color: rgb(164, 86,  
116) }
```

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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