

Converting Colors

`RYB(158, 46, 105)`

Have a look what the booklet for
RYB(158, 46, 105) contains.

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Color

`RYB(158, 46, 105)`

Conversions

Conversions Part 1

Format	Color
Hex	9E2E69
RGB	158, 46, 105
RGB Percent	62%, 18%, 41%
CMY	0.3804, 0.8196, 0.5882
CMYK	0.00, 0.71, 0.34, 0.38
HSL	328°, 55%, 40%
HSV	328°, 71%, 62%
XYZ	17.6273, 10.2430, 14.4126
YIQ	86.2140, 47.8130, 42.0930

Conversions

Conversions Part 2

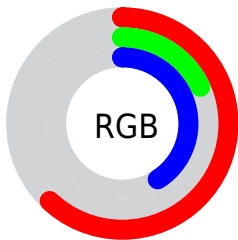
Format	Color
R _Y B	158, 46, 105
Decimal	10366569
CIE Lab	38.28, 51.19, -8.35
CIE LCh	38, 51.869, 350.736
Yxy	10.2430, 0.4169, 0.2422
Android (android.graphics.Color)	4288556649 (0xFF9E2E69)
YUV	86.2140, 9.2615, 62.9563
Hunter-Lab	32.0047, 42.3049, -4.2967

Details

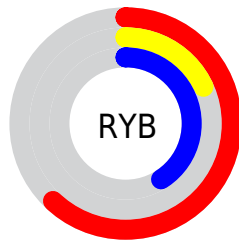
The RYB color **158, 46, 105** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **46, 122, 158**, and the grayscale version is **86, 86, 86**.

A 20% lighter version of the original color is **216, 101, 156**, and **102, 0, 58** is the 20% darker color. If you saturate the color by 10%, you get **158, 30, 98**, and if you desaturate by 10%, it is **158, 62, 112**.

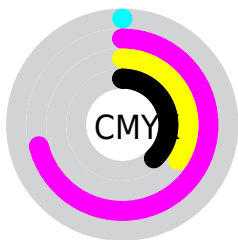
Distribution



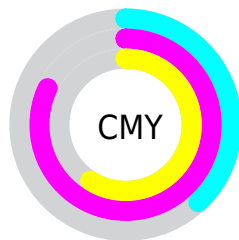
- Red (62%)
- Green (18%)
- Blue (41%)



- Red (62%)
- Yellow (18%)
- Blue (41%)



- Cyan (0%)
- Magenta (71%)
- Yellow (34%)
- Black (38%)



- Cyan (38%)
- Magenta (82%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 158, 46, 105 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 RYB color 158, 46, 105 by changing the saturation by 10% instead.



158, 46, 105



158, 46, 105

255, 255, 255



130, 11, 81



216, 101, 156



102, 0, 58



246, 128, 183



75, 0, 36



255, 155, 211



51, 0, 14



255, 183, 239



2, 0, 0



255, 212, 255



0, 0, 0



255, 241, 255



158, 46, 105



158, 46, 105



158, 30, 98



158, 62, 112

158, 14, 90

158, 78, 120

158, 0, 83

158, 93, 127

158, 109, 135

158, 125, 142

158, 141, 150

158, 157, 157

158, 167, 172

158, 178, 188

Harmonies

Analogous

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



127, 64, 144



158, 46, 105



164, 47, 63

Triad

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



158, 46, 105



0, 97, 16



0, 63, 155

Complementary

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



158, 46, 105



46, 122, 158

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, 57, 119



158, 46, 105



19, 93, 104

Square

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



158, 46, 105



51, 120, 0



0, 64, 108



0, 63, 173

Rectangle

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



158, 46, 105



156, 64, 37



0, 64, 108



0, 62, 144

Sweetspot

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



158, 46, 105



207, 163, 186



98, 46, 158



105, 78, 92



232, 232, 232



105, 105, 105

Same Dimension

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



158, 46, 105



207, 31, 123



158, 46, 50



79, 71, 75



143, 0, 75



15, 0, 8

Inverse Universe

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



158, 46, 105



207, 31, 123



46, 103, 158



79, 71, 75



143, 0, 75



15, 0, 8

Previews

White Background



This preview shows how the RYB color 158, 46, 105 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 RYB color 158, 46, 105 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](#).

RYB 158, 46, 105 Background



This preview shows how black text looks on a background with the RYB color 158, 46, 105.

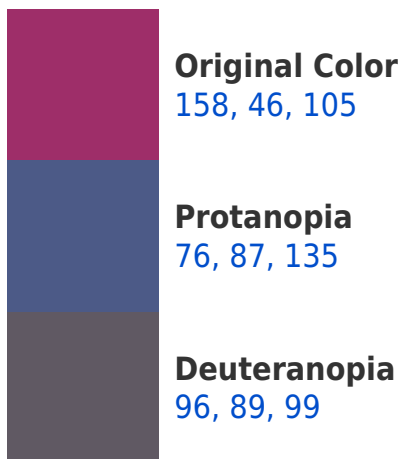


This preview shows how white text looks on a background with the RYB color 158, 46, 105.

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
155, 58, 61

Trichromacy



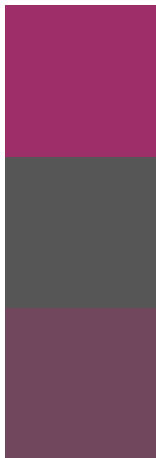
Original Color
158, 46, 105

Protanomaly
106, 74, 124

Deuteranomaly
119, 73, 101

Tritanomaly
156, 54, 77

Monochromacy



Original Color
158, 46, 105

Achromatopsia
86, 86, 86

Achromatomaly
112, 71, 93

CSS Examples

Text

The CSS property to change the color of the text to RYB 158, 46, 105 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(158, 46, 105) looks like.

```
.text, #text, p{  
    color:rgb(158, 46, 105)  
}
```

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(158, 46, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 46, 105) }
```

Border

The CSS property to change the border of an element to RYB 158, 46, 105 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(158, 46, 105) }
```

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

```
.border{ border-color:rgb(158, 46, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 46, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 46, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 46, 105);  
box-shadow:4px 4px 4px 4px rgb(158, 46,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 158, 46, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 46, 105) }
```

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

```
.background{ background-color: rgb(158, 46,  
105) }
```

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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