

Converting Colors

`RYB(165, 92, 127)`

Have a look what the booklet for
RYB(165, 92, 127) contains.

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Color

`RYB(165, 92, 127)`

Conversions

Conversions Part 1

Format	Color
Hex	A55C7F
RGB	165, 92, 127
RGB Percent	65%, 36%, 50%
CMY	0.3529, 0.6392, 0.5020
CMYK	0.00, 0.44, 0.23, 0.35
HSL	331°, 29%, 50%
HSV	331°, 44%, 65%
XYZ	23.1750, 17.1859, 22.1744
YIQ	117.8170, 32.2730, 26.3610

Conversions

Conversions Part 2

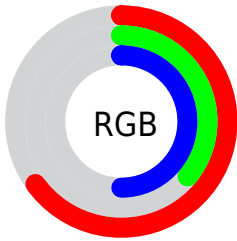
Format	Color
R_{YB}	165, 92, 127
Decimal	10837119
CIE _{Lab}	48.49, 34.38, -6.47
CIE _{LCh}	48, 34.981, 349.336
Yxy	17.1859, 0.3706, 0.2748
Android (android.graphics.Color)	4289027199 (0xFFA55C7F)
YUV	117.8170, 4.5272, 41.3795
Hunter-Lab	41.4559, 27.2384, -2.6946

Details

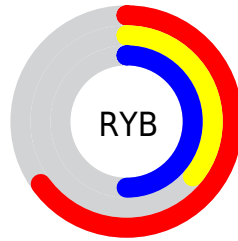
The RYB color **165, 92, 127** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **92, 140, 165**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **222, 144, 180**, and **111, 43, 78** is the 20% darker color. If you saturate the color by 10%, you get **165, 75, 118**, and if you desaturate by 10%, it is **165, 108, 136**.

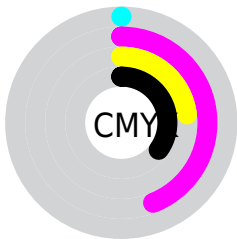
Distribution



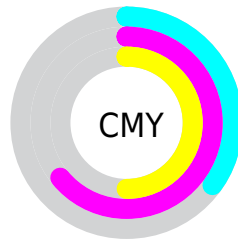
- Red (65%)
- Green (36%)
- Blue (50%)



- Red (65%)
- Yellow (36%)
- Blue (50%)



- Cyan (0%)
- Magenta (44%)
- Yellow (23%)
- Black (35%)



- Cyan (35%)
- Magenta (64%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 92, 127 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 165, 92, 127 by changing the saturation by 10% instead.



165, 92, 127



165, 92, 127

255, 255, 255



138, 67, 102



222, 144, 180



111, 43, 78



251, 171, 207



85, 17, 55



255, 199, 235



60, 0, 34



255, 227, 255



39, 0, 11



0, 0, 0



165, 92, 127



165, 92, 127



165, 75, 118



165, 108, 136



165, 59, 110



165, 125, 144

165, 42, 101

165, 141, 153

165, 26, 93

165, 158, 161

165, 9, 84

165, 171, 174

165, 0, 79

165, 182, 191

165, 193, 207

165, 204, 224

165, 214, 240

Harmonies

Analogous

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



142, 100, 154



165, 92, 127



172, 92, 97

Triad

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



165, 92, 127



58, 119, 63



0, 71, 159

Complementary

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



165, 92, 127



92, 140, 165

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, 66, 134



165, 92, 127



75, 126, 121

Square

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



165, 92, 127



107, 142, 56



32, 89, 130



38, 89, 173

Rectangle

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



165, 92, 127



167, 100, 79



32, 89, 130



0, 70, 152

Sweetspot

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



165, 92, 127



214, 186, 200



130, 92, 165



107, 90, 98



235, 235, 235



107, 107, 107

Same Dimension

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



165, 92, 127



214, 101, 155



165, 93, 92



82, 73, 77



145, 0, 70



18, 0, 9

Inverse Universe

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



165, 92, 127



214, 101, 155



92, 128, 165



82, 73, 77



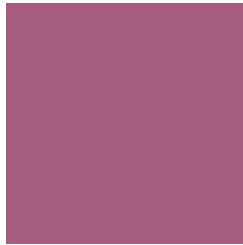
145, 0, 70



18, 0, 9

Previews

White Background



This preview shows how the RYB color 165, 92, 127 looks on a white background.

Color Contrast Check

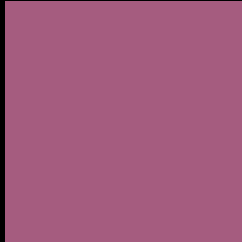
Large Text (above 18pt) WCAG AA ✓ Pass

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 165, 92, 127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

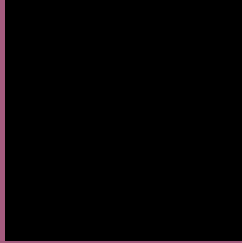
Any Text WCAG AA × Fail

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](#).

RYP 165, 92, 127 Background



This preview shows how black text looks on a background with the RYP color 165, 92, 127.



This preview shows how white text looks on a background with the RYP color 165, 92, 127.

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
165, 92, 127

Protanopia
109, 114, 142

Deuteranopia
123, 112, 124



Tritanopia
163, 96, 104

Trichromacy



Original Color

165, 92, 127

Protanomaly

129, 107, 137

Deuteranomaly

138, 105, 125

Tritanomaly

164, 95, 112

Monochromacy



Original Color

165, 92, 127

Achromatopsia

118, 118, 118

Achromatomaly

135, 109, 121

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 92, 127 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, 92, 127)` looks like.

```
.text, #text, p{  
    color:rgb(165, 92, 127)  
}
```

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, 92, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 92, 127) }
```

Border

The CSS property to change the border of an element to RYB 165, 92, 127 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, 92, 127) }
```

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

```
.border{ border-color:rgb(165, 92, 127) }
```

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

Here you see how a box with a 4 pixel rgb(165, 92, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 92, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 92, 127);  
box-shadow:4px 4px 4px 4px rgb(165, 92,  
127) }
```

Background

The CSS property to change the background color of an element to RGB 165, 92, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 92, 127) }
```

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

```
.background{ background-color: rgb(165, 92,  
127) }
```

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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