

Converting Colors

`RYB(212, 92, 127)`

Have a look what the booklet for
RYB(212, 92, 127) contains.

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Color

`RYB(212, 92, 127)`

Conversions

Conversions Part 1

Format	Color
Hex	D45C7F
RGB	212, 92, 127
RGB Percent	83%, 36%, 50%
CMY	0.1686, 0.6392, 0.5020
CMYK	0.00, 0.57, 0.40, 0.17
HSL	342°, 58%, 60%
HSV	342°, 57%, 83%
XYZ	34.8093, 23.1836, 22.7189
YIQ	131.8700, 60.2850, 36.3250

Conversions

Conversions Part 2

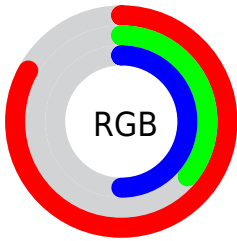
Format	Color
R_{YB}	212, 92, 127
Decimal	13917311
CIE _{Lab}	55.26, 50.57, 4.24
CIE _{LCh}	55, 50.748, 4.792
Yxy	23.1836, 0.4313, 0.2872
Android (android.graphics.Color)	4292107391 (0xFFD45C7F)
YUV	131.8700, -2.4009, 70.2740
Hunter-Lab	48.1494, 44.7839, 5.7291

Details

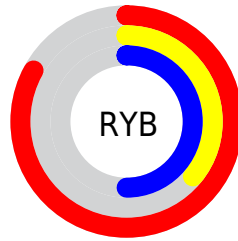
The RYB color **212, 92, 127** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **92, 162, 212**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **255, 146, 180**, and **153, 36, 78** is the 20% darker color. If you saturate the color by 10%, you get **212, 71, 112**, and if you desaturate by 10%, it is **212, 113, 142**.

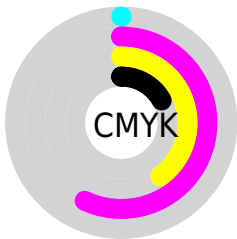
Distribution



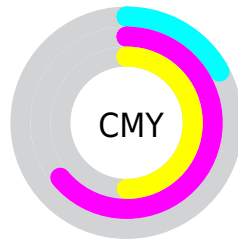
- Red (83%)
- Green (36%)
- Blue (50%)



- Red (83%)
- Yellow (36%)
- Blue (50%)



- Cyan (0%)
- Magenta (57%)
- Yellow (40%)
- Black (17%)



- Cyan (17%)
- Magenta (64%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 212, 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 212, 92, 127 by changing the saturation by 10% instead.



212, 92, 127



212, 92, 127

255, 255, 255



182, 65, 102



255, 146, 180



153, 36, 78



255, 174, 207



125, 0, 56



255, 203, 235



97, 0, 34



255, 232, 255



69, 0, 12



43, 0, 1



0, 0, 0



212, 92, 127



212, 92, 127



212, 71, 112



212, 113, 142

■ 212, 50, 97

■ 212, 134, 157

■ 212, 28, 82

■ 212, 156, 172

■ 212, 7, 67

■ 212, 177, 187

■ 212, 0, 62

■ 212, 198, 202

■ 212, 216, 219

■ 212, 228, 240

■ 212, 236, 255

■ 212, 234, 255

Harmonies

Analogous

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



191, 100, 171



212, 92, 127



208, 102, 85

Triad

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



212, 92, 127



55, 144, 95



0, 87, 211

Complementary

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



212, 92, 127



92, 162, 212

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, 83, 181



212, 92, 127



29, 109, 151

Square

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



212, 92, 127



58, 150, 37



0, 81, 154



51, 107, 220

Rectangle

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



212, 92, 127



195, 138, 61



0, 81, 154



0, 86, 203

Sweetspot

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



212, 92, 127



255, 212, 224



176, 92, 212



128, 102, 109



0, 0, 0



128, 128, 128

Same Dimension

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



212, 92, 127



255, 82, 132



212, 122, 92



107, 96, 100



171, 0, 50



43, 0, 13

Inverse Universe

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



212, 92, 127



255, 82, 132



92, 145, 212



107, 96, 100



171, 0, 50



43, 0, 13

Previews

White Background



This preview shows how the RYB color 212, 92, 127 looks on a white 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

Black Background



This preview shows how the RYB color 212, 92, 127 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 212, 92, 127 Background



This preview shows how black text looks on a background with the RYB color 212, 92, 127.



This preview shows how white text looks on a background with the RYB color 212, 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
212, 92, 127

Protanopia
130, 132, 150

Deuteranopia
150, 130, 121



Tritanopia
210, 97, 103

Trichromacy



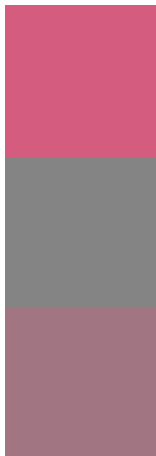
Original Color
212, 92, 127

Protanomaly
160, 117, 142

Deuteranomaly
173, 115, 123

Tritanomaly
211, 95, 112

Monochromacy



Original Color
212, 92, 127

Achromatopsia
132, 132, 132

Achromatomaly
161, 117, 130

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 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(212, 92, 127)` looks like.

```
.text, #text, p{  
    color:rgb(212, 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(212, 92, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 92, 127) }
```

Border

The CSS property to change the border of an element to RYB 212, 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(212, 92, 127) }
```

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

```
.border{ border-color:rgb(212, 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(212, 92, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 92, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 92, 127);  
box-shadow:4px 4px 4px 4px rgb(212, 92,  
127) }
```

Background

The CSS property to change the background color of an element to RGB 212, 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(212, 92, 127) }
```

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

```
.background{ background-color: rgb(212, 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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