

Converting Colors

`RYB(211, 82, 121)`

Have a look what the booklet for
RYB(211, 82, 121) contains.

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Color

$\text{RYB}(211, 82, 121)$

Conversions

Conversions Part 1

Format	Color
Hex	D35279
RGB	211, 82, 121
RGB Percent	83%, 32%, 47%
CMY	0.1725, 0.6784, 0.5255
CMYK	0.00, 0.61, 0.43, 0.17
HSL	342°, 59%, 57%
HSV	342°, 61%, 83%
XYZ	33.3325, 21.2639, 20.4367
YIQ	125.0170, 64.3650, 39.4770

Conversions

Conversions Part 2

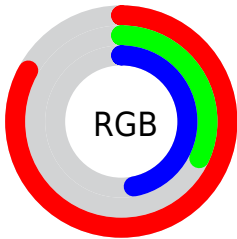
Format	Color
R_{YB}	211, 82, 121
Decimal	13849209
CIE _{Lab}	53.24, 54.16, 4.86
CIE _{LCh}	53, 54.380, 5.131
Yxy	21.2639, 0.4442, 0.2834
Android (android.graphics.Color)	4292039289 (0xFFD35279)
YUV	125.0170, -1.9804, 75.4071
Hunter-Lab	46.1128, 48.3304, 6.0023

Details

The RYB color **211, 82, 121** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **82, 158, 211**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **255, 137, 173**, and **152, 20, 73** is the 20% darker color. If you saturate the color by 10%, you get **211, 61, 106**, and if you desaturate by 10%, it is **211, 103, 136**.

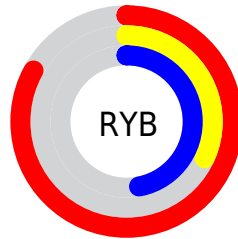
Distribution



Red (83%)

Green (32%)

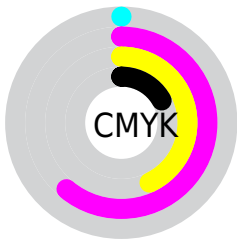
Blue (47%)



Red (83%)

Yellow (32%)

Blue (47%)

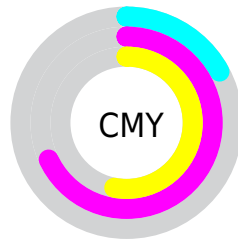


Cyan (0%)

Magenta (61%)

Yellow (43%)

Black (17%)



Cyan (17%)

Magenta (68%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 82, 121 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 211, 82, 121 by changing the saturation by 10% instead.

 211, 82, 121  211, 82, 121

255, 255, 255  181, 54, 96

 255, 137, 173  152, 20, 73


 255, 165, 200  123, 0, 50

 255, 193, 228  94, 0, 30


 255, 222, 255  68, 0, 3


 255, 252, 255  38, 0, 1


 0, 0, 0


 211, 82, 121  211, 82, 121


 211, 61, 106  211, 103, 136


 211, 40, 92


 211, 124, 150

 211, 19, 77

 211, 145, 165

 211, 0, 64

 211, 166, 180

 211, 187, 195

 211, 209, 209

 211, 222, 230

 211, 235, 251

 211, 234, 255

Harmonies

Analogous

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



190, 91, 167



211, 82, 121



206, 93, 76

Triad

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



211, 82, 121



44, 140, 89



0, 85, 212

Complementary

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



211, 82, 121



82, 158, 211

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, 81, 180



211, 82, 121



0, 93, 147

Square

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



211, 82, 121



40, 144, 20



0, 78, 149



18, 90, 221

Rectangle

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



211, 82, 121



192, 137, 50



0, 78, 149



0, 85, 203

Sweetspot

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



211, 82, 121



255, 209, 223



170, 82, 211



128, 99, 108



0, 0, 0



128, 128, 128

Same Dimension

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



211, 82, 121



255, 69, 125



211, 111, 82



105, 94, 97



168, 0, 51



41, 0, 12

Inverse Universe

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



211, 82, 121



255, 69, 125



82, 140, 211



105, 94, 97



168, 0, 51



41, 0, 12

Previews

White Background



This preview shows how the RYB color 211, 82, 121 looks on a white background.

Color Contrast Check

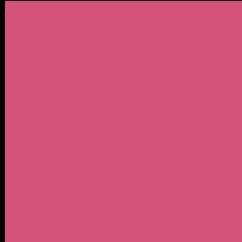
Large Text (above 18pt) WCAG AA ✓ Pass

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 211, 82, 121 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](#).

R Y B 211, 82, 121 Background



This preview shows how black text looks on a background with the RYB color 211, 82, 121.



This preview shows how white text looks on a background with the RYB color 211, 82, 121.

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
211, 82, 121

Protanopia
124, 127, 147

Deuteranopia
145, 126, 115



Tritanopia
209, 88, 93

Trichromacy



Original Color

211, 82, 121

Protanomaly

156, 111, 138

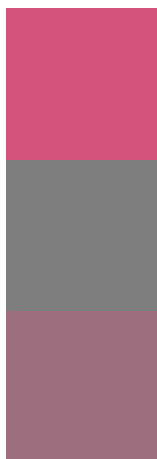
Deuteranomaly

169, 108, 117

Tritanomaly

210, 86, 103

Monochromacy



Original Color

211, 82, 121

Achromatopsia

125, 125, 125

Achromatomaly

156, 109, 124

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 82, 121 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(211, 82, 121)` looks like.

```
.text, #text, p{  
    color:rgb(211, 82, 121)  
}
```

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(211, 82, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 82, 121) }
```

Border

The CSS property to change the border of an element to RYB 211, 82, 121 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(211, 82, 121) }
```

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

```
.border{ border-color:rgb(211, 82, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 82, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 82, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 82, 121);  
box-shadow:4px 4px 4px 4px rgb(211, 82,  
121) }
```

Background

The CSS property to change the background color of an element to RGB 211, 82, 121 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 82, 121) }
```

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

```
.background{ background-color: rgb(211, 82,  
121) }
```

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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