

Converting Colors

`RYB(217, 61, 186)`

Have a look what the booklet for
RYB(217, 61, 186) contains.

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Color

R_YB(217, 61, 186)

Conversions

Conversions Part 1

Format	Color
Hex	D93DBA
RGB	217, 61, 186
RGB Percent	85%, 24%, 73%
CMY	0.1490, 0.7608, 0.2706
CMYK	0.00, 0.72, 0.14, 0.15
HSL	312°, 67%, 55%
HSV	312°, 72%, 85%
XYZ	39.1469, 21.6344, 48.5670
YIQ	121.8940, 52.8510, 71.9470

Conversions

Conversions Part 2

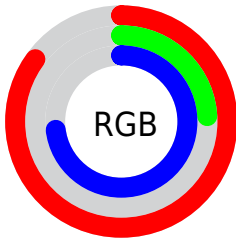
Format	Color
R _Y B	217, 61, 186
Decimal	14237114
CIE Lab	53.64, 71.85, -32.75
CIE LCh	54, 78.963, 335.498
Yxy	21.6344, 0.3580, 0.1978
Android (android.graphics.Color)	4292427194 (0xFFD93DBA)
YUV	121.8940, 31.6043, 83.4080
Hunter-Lab	46.5128, 68.8352, -29.3495

Details

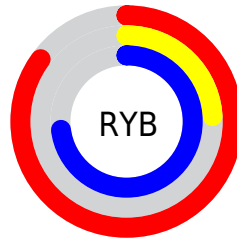
The RYB color **217, 61, 186** is a light color, and the websafe version is hex **CC0099**. The color can be described as light muted rose. A complement of this color would be **61, 191, 217**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **255, 122, 242**, and **158, 0, 132** is the 20% darker color. If you saturate the color by 10%, you get **217, 39, 182**, and if you desaturate by 10%, it is **217, 83, 190**.

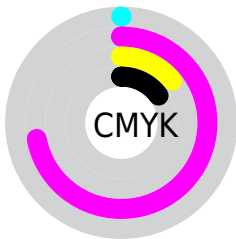
Distribution



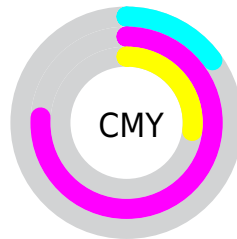
- Red (85%)
- Green (24%)
- Blue (73%)



- Red (85%)
- Yellow (24%)
- Blue (73%)



- Cyan (0%)
- Magenta (72%)
- Yellow (14%)
- Black (15%)



- Cyan (15%)
- Magenta (76%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 217, 61, 186 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 217, 61, 186 by changing the saturation by 10% instead.

 217, 61, 186

 217, 61, 186

255, 255, 255

 187, 20, 159

 255, 122, 242

 158, 0, 132

 255, 151, 255

 129, 0, 107

 255, 180, 255

 101, 0, 82

 255, 209, 255

 74, 0, 59

 255, 239, 255

 46, 0, 36

 0, 0, 11

 0, 0, 0

 217, 61, 186

 217, 61, 186

■ 217, 39, 182

■ 217, 83, 190

■ 217, 18, 177

■ 217, 104, 195

■ 217, 0, 174

■ 217, 126, 199

■ 217, 148, 203

■ 217, 170, 208

■ 217, 191, 212

■ 217, 213, 216

■ 217, 232, 235

■ 217, 248, 255

Harmonies

Analogous

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



140, 103, 240



217, 61, 186



245, 31, 119

Triad

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



217, 61, 186



16, 144, 0



0, 89, 206

Complementary

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



217, 61, 186



61, 191, 217

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, 157



217, 61, 186



0, 146, 76

Square

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



217, 61, 186



185, 199, 0



0, 107, 154



0, 94, 253

Rectangle

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



217, 61, 186



242, 50, 74



0, 107, 154



0, 85, 185

Sweetspot

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



217, 61, 186



255, 199, 244



90, 61, 217



128, 94, 121



0, 0, 0



128, 128, 128

Same Dimension

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



217, 61, 186



255, 36, 211



217, 61, 110



110, 99, 107



173, 0, 139



46, 0, 37

Inverse Universe

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



217, 61, 186



255, 36, 211



61, 154, 217



110, 99, 107



173, 0, 139



46, 0, 37

Previews

White Background



This preview shows how the RYB color 217, 61, 186 looks on a white background.

Color Contrast Check

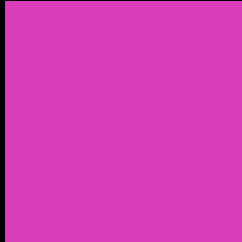
Large Text (above 18pt) WCAG AA ✓ Pass

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 217, 61, 186 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 217, 61, 186 Background



This preview shows how black text looks on a background with the RYB color 217, 61, 186.

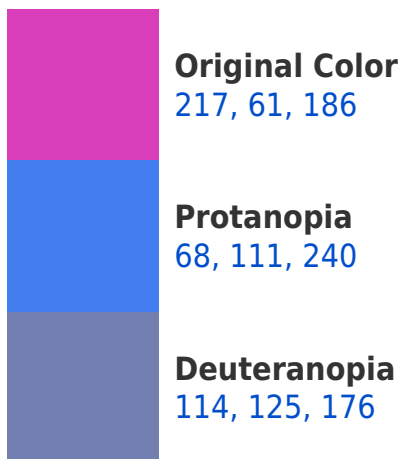


This preview shows how white text looks on a background with the RYB color 217, 61, 186.

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
208, 90, 96

Trichromacy



Original Color

217, 61, 186



Protanomaly

122, 102, 220



Deuteranomaly

151, 103, 180



Tritanomaly

211, 79, 129

Monochromacy



Original Color

217, 61, 186



Achromatopsia

122, 122, 122



Achromatomaly

157, 100, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 217, 61, 186 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(217, 61, 186)` looks like.

```
.text, #text, p{  
    color:rgb(217, 61, 186)  
}
```

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(217, 61, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 61, 186) }
```

Border

The CSS property to change the border of an element to RYB 217, 61, 186 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(217, 61, 186) }
```

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

```
.border{ border-color:rgb(217, 61, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 61, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 61, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 61, 186);  
box-shadow:4px 4px 4px 4px rgb(217, 61,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 217, 61, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 61, 186) }
```

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

```
.background{ background-color: rgb(217, 61,  
186) }
```

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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