

Converting Colors

RGB(217, 12, 132)

Have a look what the booklet for
RGB(217, 12, 132) contains.

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Color

RGB(217, 12, 132)

Conversions

Conversions Part 1

Format	Color
Hex	D90C84
RGB	217, 12, 132
RGB Percent	85%, 5%, 52%
CMY	0.1490, 0.9529, 0.4824
CMYK	0.00, 0.94, 0.39, 0.15
HSL	325°, 90%, 45%
HSV	325°, 94%, 85%
XYZ	32.9116, 16.6806, 23.3148
YIQ	86.9750, 83.6600, 80.7800

Conversions

Conversions Part 2

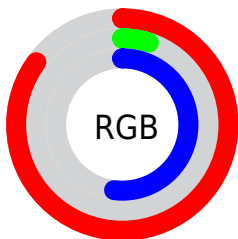
Format	Color
R_{YB}	217, 12, 132
Decimal	14224516
CIE Lab	47.86, 75.87, -9.56
CIE LCh	48, 76.470, 352.820
Yxy	16.6806, 0.4514, 0.2288
Android (android.graphics.Color)	4292414596 (0xFFD90C84)
YUV	86.9750, 22.1973, 114.0319
Hunter-Lab	40.8419, 72.3673, -5.2567

Details

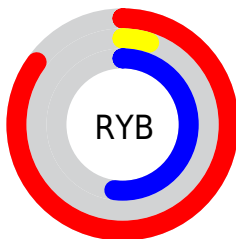
The RGB color **217, 12, 132** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **12, 217, 97**, and the grayscale version is **87, 87, 87**.

A 20% lighter version of the original color is **255, 94, 185**, and **156, 0, 83** is the 20% darker color. If you saturate the color by 10%, you get **217, 0, 127**, and if you desaturate by 10%, it is **217, 34, 141**.

Distribution



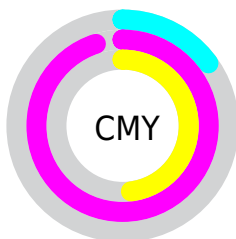
- Red (85%)
- Green (5%)
- Blue (52%)



- Red (85%)
- Yellow (5%)
- Blue (52%)



- Cyan (0%)
- Magenta (94%)
- Yellow (39%)
- Black (15%)



- Cyan (15%)
- Magenta (95%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 12, 132 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 RGB color 217, 12, 132 by changing the saturation by 10% instead.

 217, 12, 132

 217, 12, 132

255, 255, 255

 186, 0, 107

 255, 94, 185

 156, 0, 83

 255, 125, 213

 126, 0, 60

 255, 155, 241

 97, 0, 38

 255, 185, 255

 69, 0, 16

 255, 214, 255

 37, 0, 1

 255, 245, 255

 0, 0, 0

 217, 12, 132

 217, 12, 132

 217, 0, 127

 217, 34, 141


 217, 55, 150


 217, 77, 159

 217, 99, 168

 217, 121, 177

 217, 142, 186

 217, 164, 195

 217, 186, 204

 217, 207, 213

Harmonies

Analogous

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



173, 66, 193



217, 12, 132



221, 28, 68

Triad

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



217, 12, 132



91, 125, 0



0, 138, 217

Complementary

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



217, 12, 132



12, 217, 97

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, 141, 162



217, 12, 132



0, 135, 21

Square

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



217, 12, 132



151, 106, 0



0, 140, 95



0, 127, 243

Rectangle

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



217, 12, 132



207, 61, 25



0, 140, 95



0, 139, 201

Sweetspot

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



217, 12, 132



255, 184, 225



94, 12, 217



128, 84, 110



0, 0, 0



128, 128, 128

Same Dimension

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



217, 12, 132



255, 0, 149



217, 12, 33



110, 99, 105



173, 0, 102



46, 0, 27

Inverse Universe

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



217, 12, 132



255, 0, 149



12, 217, 196



110, 99, 105



173, 0, 102



46, 0, 27

Previews

White Background



This preview shows how the RGB color 217, 12, 132 looks on a white background.

Color Contrast Check

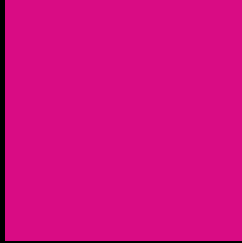
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 217, 12, 132 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](#).

RGB 217, 12, 132 Background



This preview shows how black text looks on a background with the RGB color 217, 12, 132.

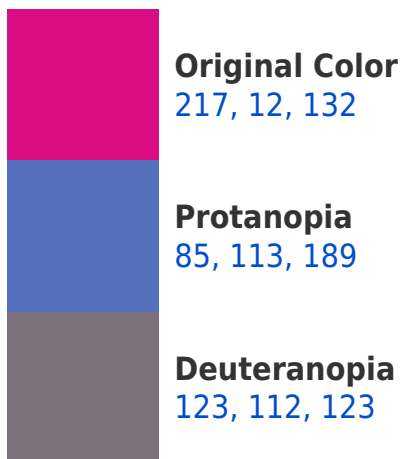


This preview shows how white text looks on a background with the RGB color 217, 12, 132.

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
212, 53, 55

Trichromacy



Original Color

217, 12, 132



Protanomaly

133, 76, 168



Deuteranomaly

157, 76, 126



Tritanomaly

214, 38, 83

Monochromacy



Original Color

217, 12, 132



Achromatopsia

87, 87, 87



Achromatomaly

134, 60, 103

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 12, 132 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, 12, 132)` looks like.

```
.text, #text, p{  
    color:rgb(217, 12, 132)  
}
```

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, 12, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 12, 132) }
```

Border

The CSS property to change the border of an element to RGB 217, 12, 132 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, 12, 132) }
```

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

```
.border{ border-color:rgb(217, 12, 132) }
```

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

Here you see how a box with a 4 pixel rgb(217, 12, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 12, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 12, 132);  
box-shadow:4px 4px 4px 4px rgb(217, 12,  
132) }
```

Background

The CSS property to change the background color of an element to RGB 217, 12, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 12, 132) }
```

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

```
.background{ background-color: rgb(217, 12,  
132) }
```

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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