Converting Colors

RGB(217, 43, 186)

Have a look what the booklet for RGB(217, 43, 186) contains.

Color

RGB(217, 43, 186)

Conversions

Conversions Part 1

Format	Color
Hex	D92BBA
RGB	217, 43, 186
RGB Percent	85%, 17%, 73%
CMY	0.1490, 0.8314, 0.2706
CMYK	0.00, 0.80, 0.14, 0.15
HSL	311°, 70%, 51%
HSV	311°, 80%, 85%
XYZ	38.3421, 20.0246, 48.2987
YIQ	111.3280, 57.8010, 81.3610

Conversions

Conversions Part 2

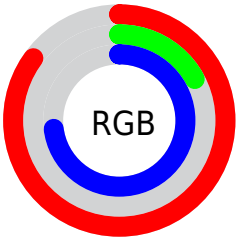
Format	Color
RYB	217, 43, 186
Decimal	14232506
CIELab	51.87, 76.92, -35.52
CIELCh	52, 84.728, 335.214
Yxy	20.0246, 0.3595, 0.1877
Android (android.graphics.Color)	4292422586 (0xFFD92BBA)
YUV	111.3280, 36.8133, 92.6743
Hunter-Lab	44.7489, 74.6331, -32.6690

Details

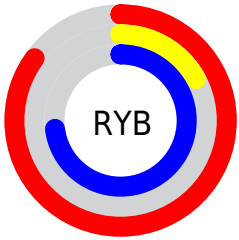
The RGB color 217, 43, 186 is a dark color, and the websafe version is hex CC33CC. The color can be described as middle washed rose. A complement of this color would be 43, 217, 74, and the grayscale version is 111, 111, 111.

A 20% lighter version of the original color is 255, 110, 243, and 158, 0, 132 is the 20% darker color. If you saturate the color by 10%, you get 217, 21, 182, and if you desaturate by 10%, it is 217, 65, 190.

Distribution

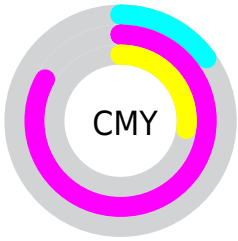


- Red (85%)
- Green (17%)
- Blue (73%)



- Red (85%)
- Yellow (17%)
- Blue (73%)

- Cyan (0%)
- Magenta (80%)
- Yellow (14%)
- Black (15%)



- Cyan (15%)
- Magenta (83%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 43, 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 RGB color 217, 43, 186 by changing the saturation by 10% instead.

217, 43, 186	217, 43, 186
255, 255, 255	187, 0, 159
255, 110, 243	158, 0, 132
255, 140, 255	129, 0, 107
255, 169, 255	100, 0, 82
255, 199, 255	73, 0, 59
255, 229, 255	44, 0, 36
	0, 0, 10
	0, 0, 0

217, 43, 186	217, 43, 186

217, 21, 182

217, 0, 178

217, 65, 190

217, 86, 194

217, 108, 198

217, 130, 201

217, 151, 205

217, 173, 209

217, 195, 213

217, 217, 217

217, 238, 221

Harmonies

Analogous

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

133, 97, 244

217, 43, 186

246, 0, 114

Triad

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

217, 43, 186

139, 125, 0

0, 153, 206

Complementary

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

217, 43, 186

43, 217, 74

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, 153, 135

217, 43, 186

57, 142, 0

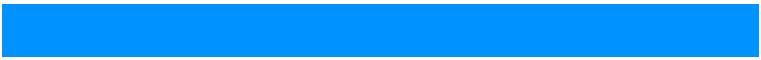
Square

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

217, 43, 186

197, 96, 0

0, 150, 57



0, 147, 255

Rectangle

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

217, 43, 186

243, 22, 67

0, 150, 57

0, 154, 184

Sweetspot

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

217, 43, 186

255, 194, 244

72, 43, 217

128, 91, 121

0, 0, 0

128, 128, 128

Same Dimension

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

217, 43, 186

255, 10, 211

217, 43, 101

110, 99, 108

173, 0, 143

46, 0, 38

Inverse Universe

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

217, 43, 186

255, 10, 211

43, 217, 159

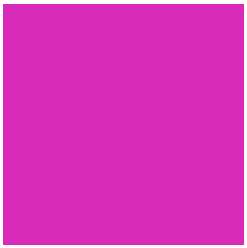
110, 99, 108

173, 0, 143

46, 0, 38

Previews

White Background

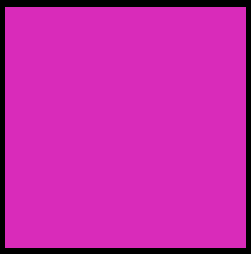


This preview shows how the RGB color 217, 43, 186 looks on a white background.

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



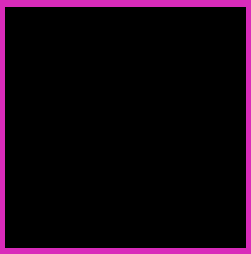
This preview shows how the RGB color 217, 43, 186 looks on a black background.

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.

RGB 217, 43, 186 Background



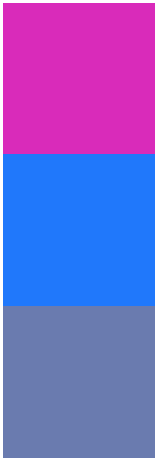
This preview shows how black text looks on a background with the RGB color 217, 43, 186.

This preview shows how white text looks on a background with the RGB color 217, 43, 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



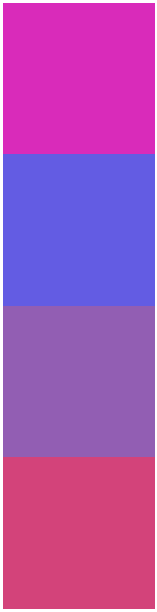
Original Color
217, 43, 186

Protanopia
32, 120, 251

Deuteranopia
106, 123, 175

Tritanopia
208, 81, 86

Trichromacy



Original Color
217, 43, 186

Protanomaly
99, 92, 227

Deuteranomaly
146, 94, 179

Tritanomaly
211, 67, 122

Monochromacy

Original Color
217, 43, 186

Achromatopsia
111, 111, 111

Achromatomaly
150, 86, 138

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 43, 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, 43, 186) looks like.

```
.text, #text, p{
    color:rgb(217, 43, 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, 43, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 43, 186) }
```

Border

The CSS property to change the border of an element to RGB 217, 43, 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, 43, 186) }
```

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

```
.border{ border-color:rgb(217, 43, 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, 43, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 43, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 43, 186); box-shadow:4px 4px 4px 4px rgb(217, 43, 186) }
```

Background

The CSS property to change the background color of an element to RGB 217, 43, 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, 43, 186) }
```

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

```
.background{ background-color:rgb(217, 43,
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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