

Converting Colors

RGB(218, 42, 134)

Have a look what the booklet for
RGB(218, 42, 134) contains.

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Color

RGB(218, 42, 134)

Conversions

Conversions Part 1

Format	Color
Hex	DA2A86
RGB	218, 42, 134
RGB Percent	85%, 16%, 53%
CMY	0.1451, 0.8353, 0.4745
CMYK	0.00, 0.81, 0.39, 0.15
HSL	329°, 70%, 51%
HSV	329°, 81%, 85%
XYZ	34.0445, 18.2826, 24.2888
YIQ	105.1120, 75.3640, 65.9240

Conversions

Conversions Part 2

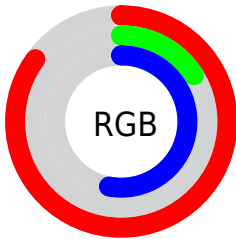
Format	Color
R_{YB}	218, 42, 134
Decimal	14297734
CIE Lab	49.84, 71.31, -7.78
CIE LCh	50, 71.734, 353.771
Yxy	18.2826, 0.4444, 0.2386
Android (android.graphics.Color)	4292487814 (0xFFDA2A86)
YUV	105.1120, 14.2418, 99.0028
Hunter-Lab	42.7581, 67.2968, -3.7490

Details

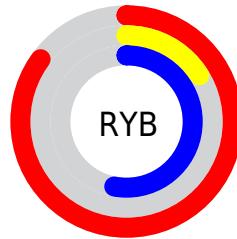
The RGB color **218, 42, 134** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **42, 218, 126**, and the grayscale version is **105, 105, 105**.

A 20% lighter version of the original color is **255, 107, 187**, and **158, 0, 85** is the 20% darker color. If you saturate the color by 10%, you get **218, 20, 124**, and if you desaturate by 10%, it is **218, 64, 144**.

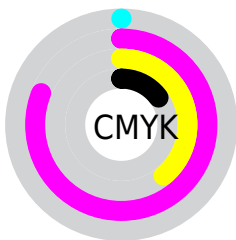
Distribution



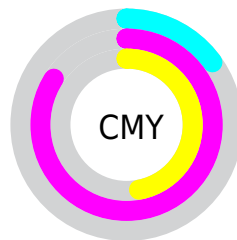
- Red (85%)
- Green (16%)
- Blue (53%)



- Red (85%)
- Yellow (16%)
- Blue (53%)



- Cyan (0%)
- Magenta (81%)
- Yellow (39%)
- Black (15%)



- Cyan (15%)
- Magenta (84%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 42, 134 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 218, 42, 134 by changing the saturation by 10% instead.

 218, 42, 134

 218, 42, 134

255, 255, 255

 188, 0, 109

 255, 107, 187

 158, 0, 85

 255, 137, 215

 128, 0, 61

 255, 166, 243

 99, 0, 40

 255, 196, 255

 72, 0, 19


 255, 225, 255

 41, 0, 1

 0, 0, 0

 218, 42, 134

 218, 42, 134

 218, 20, 124

 218, 64, 144

■ 218, 0, 114

■ 218, 86, 155

■ 218, 107, 165

■ 218, 129, 176

■ 218, 151, 186

■ 218, 173, 196

■ 218, 195, 207

■ 218, 216, 217

■ 218, 238, 228

Harmonies

Analogous

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



178, 75, 192



218, 42, 134



222, 50, 74

Triad

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



218, 42, 134



97, 130, 0



0, 141, 217

Complementary

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



218, 42, 134



42, 218, 126

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, 145, 166



218, 42, 134



0, 139, 38

Square

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



218, 42, 134



154, 112, 0



0, 144, 103



0, 130, 241

Rectangle

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



218, 42, 134



208, 73, 34



0, 144, 103



0, 143, 202

Sweetspot

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



218, 42, 134



255, 194, 226



124, 42, 218



128, 91, 110



0, 0, 0



128, 128, 128

Same Dimension

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



218, 42, 134



255, 8, 137



218, 42, 48



110, 99, 104



173, 0, 91



46, 0, 24

Inverse Universe

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



218, 42, 134



255, 8, 137



42, 218, 212



110, 99, 104



173, 0, 91



46, 0, 24

Previews

White Background



This preview shows how the RGB color 218, 42, 134 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 218, 42, 134 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 218, 42, 134 Background



This preview shows how black text looks on a background with the RGB color 218, 42, 134.

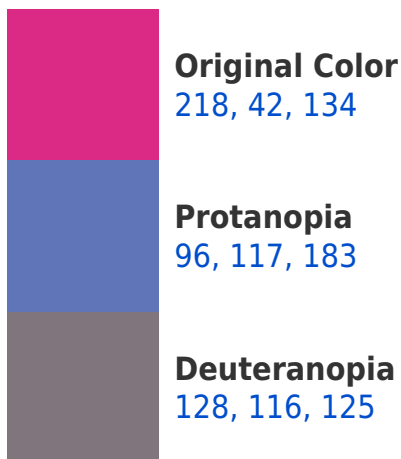


This preview shows how white text looks on a background with the RGB color 218, 42, 134.

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
214, 64, 67

Trichromacy



Original Color

218, 42, 134



Protanomaly

140, 90, 165



Deuteranomaly

161, 89, 128



Tritanomaly

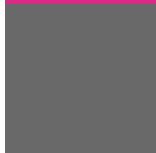
215, 56, 91

Monochromacy



Original Color

218, 42, 134



Achromatopsia

105, 105, 105



Achromatomaly

146, 82, 116

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 42, 134 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(218, 42, 134) looks like.

```
.text, #text, p{  
    color:rgb(218, 42, 134)  
}
```

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(218, 42, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 42, 134) }
```

Border

The CSS property to change the border of an element to RGB 218, 42, 134 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(218, 42, 134) }
```

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

```
.border{ border-color:rgb(218, 42, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 42, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 42, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 42, 134);  
box-shadow:4px 4px 4px 4px rgb(218, 42,  
134) }
```

Background

The CSS property to change the background color of an element to RGB 218, 42, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 42, 134) }
```

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

```
.background{ background-color: rgb(218, 42,  
134) }
```

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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