

Converting Colors

`RYB(218, 74, 198)`

Have a look what the booklet for
RYB(218, 74, 198) contains.

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Color

R_YB(218, 74, 198)

Conversions

Conversions Part 1

Format	Color
Hex	DA4AC6
RGB	218, 74, 198
RGB Percent	85%, 29%, 78%
CMY	0.1451, 0.7098, 0.2235
CMYK	0.00, 0.66, 0.09, 0.15
HSL	308°, 66%, 57%
HSV	308°, 66%, 85%
XYZ	41.5553, 23.8802, 55.8452
YIQ	131.1920, 46.0200, 69.0920

Conversions

Conversions Part 2

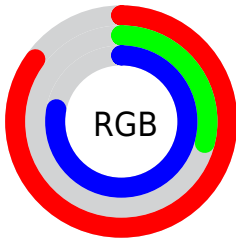
Format	Color
RYB	218, 74, 198
Decimal	14305990
CIELab	55.97, 69.28, -36.01
CIELCh	56, 78.083, 332.536
Yxy	23.8802, 0.3426, 0.1969
Android (android.graphics.Color)	4292496070 (0xFFDA4AC6)
YUV	131.1920, 32.9363, 76.1306
Hunter-Lab	48.8674, 66.2728, -33.5489

Details

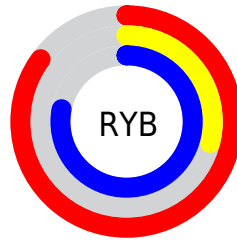
The RYB color **218, 74, 198** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **74, 200, 218**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **255, 132, 255**, and **159, 0, 144** is the 20% darker color. If you saturate the color by 10%, you get **218, 52, 195**, and if you desaturate by 10%, it is **218, 96, 201**.

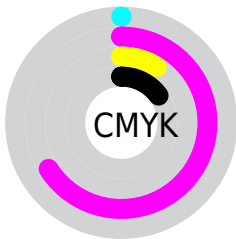
Distribution



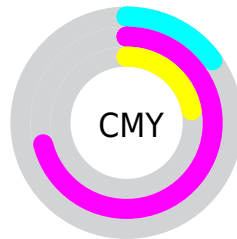
- Red (85%)
- Green (29%)
- Blue (78%)



- Red (85%)
- Yellow (29%)
- Blue (78%)



- Cyan (0%)
- Magenta (66%)
- Yellow (9%)
- Black (15%)



- Cyan (15%)
- Magenta (71%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 218, 74, 198 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 218, 74, 198 by changing the saturation by 10% instead.

 218, 74, 198

255, 255, 255

 255, 132, 255

 255, 161, 255

 255, 190, 255


 255, 220, 255

 255, 249, 255

 218, 74, 198

 188, 41, 170

 159, 0, 144

 131, 0, 118

 103, 0, 93

 75, 0, 68

 49, 0, 46

 9, 0, 24

 0, 0, 0

 218, 74, 198

 218, 74, 198

■ 218, 52, 195

■ 218, 96, 201

■ 218, 30, 192

■ 218, 118, 204

■ 218, 9, 189

■ 218, 139, 207

■ 218, 0, 188

■ 218, 161, 210

■ 218, 183, 213

■ 218, 205, 216

■ 218, 226, 227

■ 218, 244, 248

■ 218, 249, 255

Harmonies

Analogous

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



136, 113, 250



218, 74, 198



250, 46, 131

Triad

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



218, 74, 198



28, 157, 0



0, 91, 206

Complementary

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



218, 74, 198



74, 200, 218

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, 88, 163



218, 74, 198



0, 150, 63

Square

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



218, 74, 198



206, 210, 0



0, 112, 159



0, 97, 255

Rectangle

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



218, 74, 198



250, 57, 87



0, 112, 159



0, 87, 185

Sweetspot

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



218, 74, 198



255, 204, 248



93, 74, 218



128, 97, 123



0, 0, 0



128, 128, 128

Same Dimension

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



218, 74, 198



255, 54, 227



218, 74, 127



110, 99, 108



173, 0, 149



46, 0, 40

Inverse Universe

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



218, 74, 198



255, 54, 227



74, 162, 218



110, 99, 108



173, 0, 149



46, 0, 40

Previews

White Background



This preview shows how the RYB color 218, 74, 198 looks on a white background.

Color Contrast Check

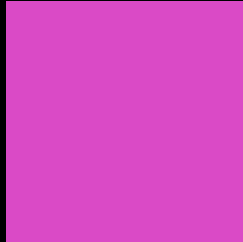
Large Text (above 18pt) WCAG AA ✓ Pass

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 218, 74, 198 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 218, 74, 198 Background



This preview shows how black text looks on a background with the RYB color 218, 74, 198.



This preview shows how white text looks on a background with the RYB color 218, 74, 198.

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
218, 74, 198

Protanopia
76, 118, 247

Deuteranopia
116, 130, 189



Tritanopia
209, 101, 108

Trichromacy



Original Color
218, 74, 198



Protanomaly
128, 110, 229



Deuteranomaly
153, 112, 192



Tritanomaly
212, 91, 141

Monochromacy



Original Color
218, 74, 198



Achromatopsia
131, 131, 131



Achromatomaly
163, 110, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 74, 198 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, 74, 198) looks like.

```
.text, #text, p{  
    color:rgb(218, 74, 198)  
}
```

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, 74, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 74, 198) }
```

Border

The CSS property to change the border of an element to RYB 218, 74, 198 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, 74, 198) }
```

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

```
.border{ border-color:rgb(218, 74, 198) }
```

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

Here you see how a box with a 4 pixel rgb(218, 74, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 74, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 74, 198);  
box-shadow:4px 4px 4px 4px rgb(218, 74,  
198) }
```

Background

The CSS property to change the background color of an element to RGB 218, 74, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 74, 198) }
```

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

```
.background{ background-color: rgb(218, 74,  
198) }
```

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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