

Converting Colors

`RYB(218, 154, 204)`

Have a look what the booklet for
RYB(218, 154, 204) contains.

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Color

R_YB(218, 154, 204)

Conversions

Conversions Part 1

Format	Color
Hex	DA9ACC
RGB	218, 154, 204
RGB Percent	85%, 60%, 80%
CMY	0.1451, 0.3961, 0.2000
CMYK	0.00, 0.29, 0.06, 0.15
HSL	313°, 46%, 73%
HSV	313°, 29%, 85%
XYZ	51.3681, 42.3763, 62.5988
YIQ	178.8360, 22.0940, 29.1180

Conversions

Conversions Part 2

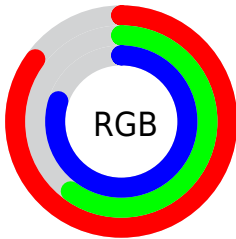
Format	Color
R _Y B	218, 154, 204
Decimal	14326476
CIE Lab	71.13, 31.72, -16.08
CIE LCh	71, 35.560, 333.117
Yxy	42.3763, 0.3286, 0.2710
Android (android.graphics.Color)	4292516556 (0xFFDA9ACC)
YUV	178.8360, 12.4059, 34.3468
Hunter-Lab	65.0971, 26.9346, -11.4467

Details

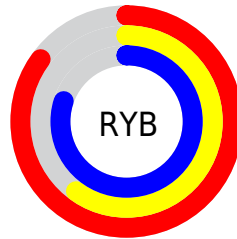
The RYB color **218, 154, 204** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **154, 207, 218**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **255, 209, 255**, and **162, 102, 150** is the 20% darker color. If you saturate the color by 10%, you get **218, 132, 199**, and if you desaturate by 10%, it is **218, 176, 209**.

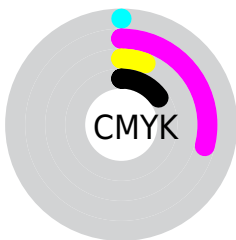
Distribution



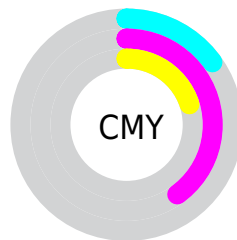
- Red (85%)
- Green (60%)
- Blue (80%)



- Red (85%)
- Yellow (60%)
- Blue (80%)



- Cyan (0%)
- Magenta (29%)
- Yellow (6%)
- Black (15%)



- Cyan (15%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 218, 154, 204 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, 154, 204 by changing the saturation by 10% instead.


 218, 154, 204

255, 255, 255

 255, 209, 255

 255, 238, 255

 218, 154, 204

 190, 128, 177

 162, 102, 150

 135, 77, 124

 109, 53, 99

 84, 29, 75

 59, 4, 52

 39, 0, 31

 0, 0, 2

 0, 0, 0

218, 154, 204

218, 154, 204

218, 132, 199

218, 176, 209

218, 110, 194

218, 198, 214

218, 89, 190

218, 219, 219

218, 67, 185

218, 237, 241

218, 45, 180

218, 247, 255

218, 23, 175

218, 244, 255

218, 1, 171

218, 242, 255

218, 0, 170

218, 240, 255

218, 239, 255

Harmonies

Analogous

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



183, 165, 228



218, 154, 204



236, 149, 172

Triad

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



218, 154, 204



135, 193, 109



53, 126, 208

Complementary

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



218, 154, 204



154, 207, 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.



79, 140, 192



218, 154, 204



119, 183, 144

Square

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



218, 154, 204



220, 197, 117



120, 171, 189



82, 143, 231

Rectangle

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



218, 154, 204



238, 151, 150



120, 171, 189



57, 126, 198

Sweetspot

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



218, 154, 204



255, 232, 250



168, 154, 218



128, 113, 124



0, 0, 0



128, 128, 128

Same Dimension

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



218, 154, 204



255, 166, 235



218, 154, 172



110, 99, 107



173, 0, 135



46, 0, 36

Inverse Universe

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



218, 154, 204



255, 166, 235



154, 191, 218



110, 99, 107



173, 0, 135



46, 0, 36

Previews

White Background



This preview shows how the RYB color 218, 154, 204 looks on a white background.

Color Contrast Check

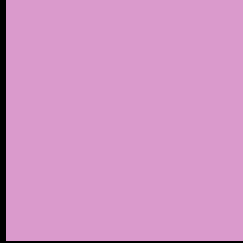
Large Text (above 18pt) WCAG AA × Fail

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, 154, 204 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 218, 154, 204 Background



This preview shows how black text looks on a background with the RYB color 218, 154, 204.

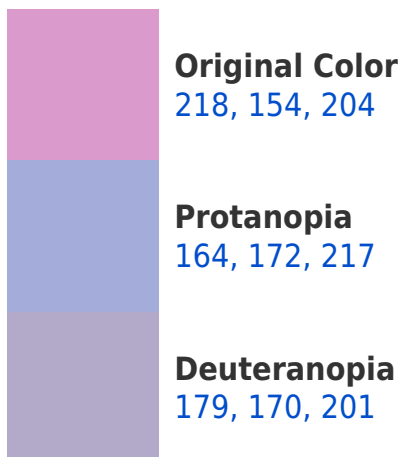



This preview shows how white text looks on a background with the RYB color 218, 154, 204.

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, 160, 172

Trichromacy



Original Color

218, 154, 204



Protanomaly

184, 166, 212



Deuteranomaly

193, 164, 202



Tritanomaly

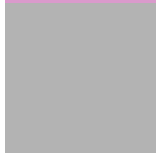
215, 158, 184

Monochromacy



Original Color

218, 154, 204



Achromatopsia

179, 179, 179



Achromatomaly

193, 170, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 154, 204 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, 154, 204) looks like.

```
.text, #text, p{  
    color:rgb(218, 154, 204)  
}
```

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, 154, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 154, 204) }
```

Border

The CSS property to change the border of an element to RYB 218, 154, 204 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, 154, 204) }
```

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

```
.border{ border-color:rgb(218, 154, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 154, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 154, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 154, 204);  
box-shadow:4px 4px 4px 4px rgb(218, 154,  
204) }
```

Background

The CSS property to change the background color of an element to RYB 218, 154, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 154, 204) }
```

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

```
.background{ background-color: rgb(218,  
154, 204) }
```

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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