

Converting Colors

`RYB(218, 123, 155)`

Have a look what the booklet for RYB(218, 123, 155) contains.

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Color

R_YB(218, 123, 155)

Conversions

Conversions Part 1

Format	Color
Hex	DA7B9B
RGB	218, 123, 155
RGB Percent	85%, 48%, 61%
CMY	0.1451, 0.5176, 0.3922
CMYK	0.00, 0.44, 0.29, 0.15
HSL	340°, 56%, 67%
HSV	340°, 44%, 85%
XYZ	41.9128, 31.4379, 34.8694
YIQ	155.0530, 46.3480, 30.0920

Conversions

Conversions Part 2

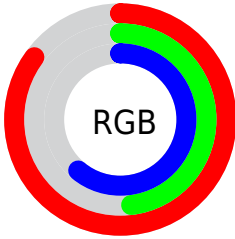
Format	Color
RYB	218, 123, 155
Decimal	14318491
CIELab	62.88, 40.59, -0.84
CIELCh	63, 40.602, 358.813
Yxy	31.4379, 0.3873, 0.2905
Android (android.graphics.Color)	4292508571 (0xFFDA7B9B)
YUV	155.0530, -0.0261, 55.2045
Hunter-Lab	56.0695, 35.3098, 2.3764

Details

The RYB color **218, 123, 155** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **123, 180, 218**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **255, 177, 209**, and **161, 71, 104** is the 20% darker color. If you saturate the color by 10%, you get **218, 101, 141**, and if you desaturate by 10%, it is **218, 145, 169**.

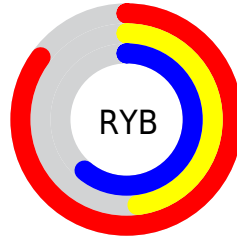
Distribution



Red (85%)

Green (48%)

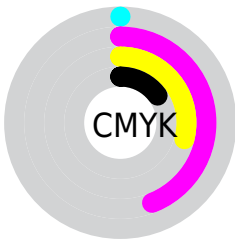
Blue (61%)



Red (85%)

Yellow (48%)

Blue (61%)

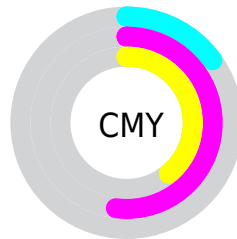


Cyan (0%)

Magenta (44%)

Yellow (29%)

Black (15%)



Cyan (15%)

Magenta (52%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 218, 123, 155 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, 123, 155 by changing the saturation by 10% instead.

 218, 123, 155

255, 255, 255


 255, 177, 209

 255, 205, 238

 255, 234, 255

 218, 123, 155

 189, 97, 129

 161, 71, 104

 133, 46, 80

 106, 18, 57

 79, 0, 36

 55, 0, 14

 22, 0, 0


 0, 0, 0

 218, 123, 155

 218, 123, 155

 218, 101, 141


 218, 145, 169

 218, 79, 126

 218, 167, 184

 218, 58, 112

 218, 188, 198

 218, 36, 97

 218, 210, 213

 218, 14, 83

 218, 227, 232

 218, 0, 73

 218, 240, 254

 218, 237, 255

Harmonies

Analogous

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



196, 130, 190



218, 123, 155



220, 127, 119

Triad

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



218, 123, 155



87, 160, 108



0, 93, 213

Complementary

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



218, 123, 155



123, 180, 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, 89, 186



218, 123, 155



95, 153, 167

Square

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



218, 123, 155



115, 176, 79



26, 104, 171



91, 135, 224

Rectangle

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



218, 123, 155



211, 148, 99



26, 104, 171



0, 92, 205

Sweetspot

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



218, 123, 155



255, 222, 233



185, 123, 218



128, 107, 114



0, 0, 0



128, 128, 128

Same Dimension

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



218, 123, 155



255, 122, 167



218, 139, 123



110, 99, 102



173, 0, 58



46, 0, 15

Inverse Universe

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



218, 123, 155



255, 122, 167



123, 167, 218



110, 99, 102



173, 0, 58



46, 0, 15

Previews

White Background



This preview shows how the RYB color 218, 123, 155 looks on a white background.

Color Contrast Check

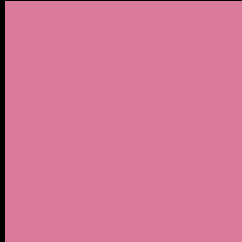
Large Text (above 18pt) WCAG AA × Fail

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, 123, 155 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, 123, 155 Background



This preview shows how black text looks on a background with the RYB color 218, 123, 155.



This preview shows how white text looks on a background with the RYB color 218, 123, 155.

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, 123, 155

Protanopia
149, 151, 172

Deuteranopia
168, 148, 151



Tritanopia
216, 126, 136

Trichromacy



Original Color

218, 123, 155



Protanomaly

174, 141, 166



Deuteranomaly

186, 139, 152



Tritanomaly

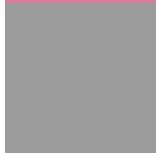
217, 125, 143

Monochromacy



Original Color

218, 123, 155



Achromatopsia

155, 155, 155



Achromatomaly

178, 143, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 123, 155 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, 123, 155)` looks like.

```
.text, #text, p{  
    color:rgb(218, 123, 155)  
}
```

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, 123, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 123, 155) }
```

Border

The CSS property to change the border of an element to RYB 218, 123, 155 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, 123, 155) }
```

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

```
.border{ border-color:rgb(218, 123, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 123, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 123, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 123, 155); box-shadow:4px 4px 4px 4px rgb(218, 123, 155) }
```

Background

The CSS property to change the background color of an element to RYB 218, 123, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 123, 155) }
```

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

```
.background{ background-color: rgb(218,  
123, 155) }
```

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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