

Converting Colors

`RYB(218, 103, 110)`

Have a look what the booklet for
RYB(218, 103, 110) contains.

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Color

R_YB(218, 103, 110)

Conversions

Conversions Part 1

Format	Color
Hex	DA676E
RGB	218, 103, 110
RGB Percent	85%, 40%, 43%
CMY	0.1451, 0.5961, 0.5686
CMYK	0.00, 0.53, 0.50, 0.15
HSL	356°, 61%, 63%
HSV	356°, 53%, 85%
XYZ	36.5782, 25.7317, 17.7907
YIQ	138.1830, 66.2930, 26.5570

Conversions

Conversions Part 2

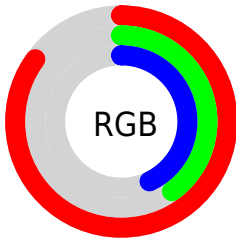
Format	Color
R_{YB}	218, 103, 110
Decimal	14313326
CIE Lab	57.78, 45.67, 17.87
CIE LCh	58, 49.038, 21.372
Yxy	25.7317, 0.4567, 0.3212
Android (android.graphics.Color)	4292503406 (0xFFDA676E)
YUV	138.1830, -13.8942, 69.9995
Hunter-Lab	50.7264, 39.9427, 14.7144

Details

The RYB color **218, 103, 110** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **103, 162, 218**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **255, 157, 161**, and **159, 50, 63** is the 20% darker color. If you saturate the color by 10%, you get **218, 81, 90**, and if you desaturate by 10%, it is **218, 125, 130**.

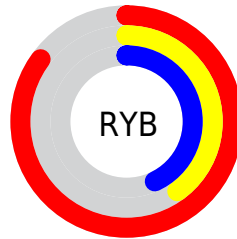
Distribution



Red (85%)

Green (40%)

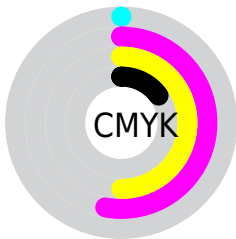
Blue (43%)



Red (85%)

Yellow (40%)

Blue (43%)

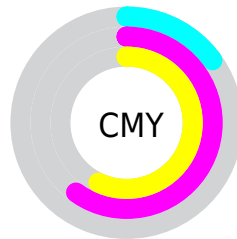


Cyan (0%)

Magenta (53%)

Yellow (50%)

Black (15%)



Cyan (15%)

Magenta (60%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 218, 103, 110 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, 103, 110 by changing the saturation by 10% instead.

 218, 103, 110

 218, 103, 110

255, 255, 255

 188, 77, 86

 255, 157, 161

 159, 50, 63

 255, 185, 188

 130, 20, 41

 255, 213, 216

 101, 0, 21

 255, 242, 245


 73, 0, 0

 47, 0, 2

 0, 0, 0

 218, 103, 110


 218, 103, 110


 218, 81, 90


 218, 125, 130

 218, 59, 69

 218, 147, 151

 218, 38, 49

 218, 168, 171

 218, 16, 28

 218, 190, 192

 218, 0, 13

 218, 212, 212

 218, 226, 234

 218, 237, 255

 218, 237, 255

Harmonies

Analogous

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



211, 102, 153



218, 103, 110



204, 137, 73

Triad

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



218, 103, 110



81, 153, 155



0, 89, 223

Complementary

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



218, 103, 110



103, 162, 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, 205



218, 103, 110



0, 89, 159

Square

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



218, 103, 110



54, 146, 67



0, 82, 169



120, 131, 219

Rectangle

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



218, 103, 110



161, 185, 56



0, 82, 169



0, 90, 220

Sweetspot

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



218, 103, 110



255, 214, 217



210, 103, 218



128, 103, 105



0, 0, 0



128, 128, 128

Same Dimension

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



218, 103, 110



255, 94, 104



218, 191, 103



110, 99, 99



173, 0, 11



46, 0, 3

Inverse Universe

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



218, 103, 110



255, 94, 104



103, 145, 218



110, 99, 99



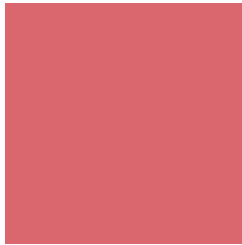
173, 0, 11



46, 0, 3

Previews

White Background



This preview shows how the RYB color 218, 103, 110 looks on a white background.

Color Contrast Check

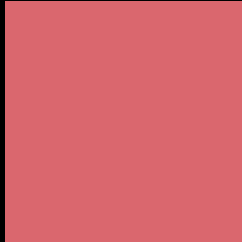
Large Text (above 18pt) WCAG AA ✓ Pass

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, 103, 110 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, 103, 110 Background



This preview shows how black text looks on a background with the RYB color 218, 103, 110.

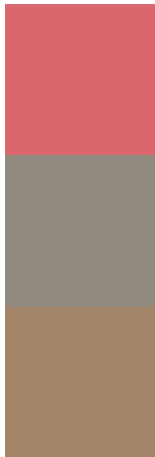


This preview shows how white text looks on a background with the RYB color 218, 103, 110.

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, 103, 110

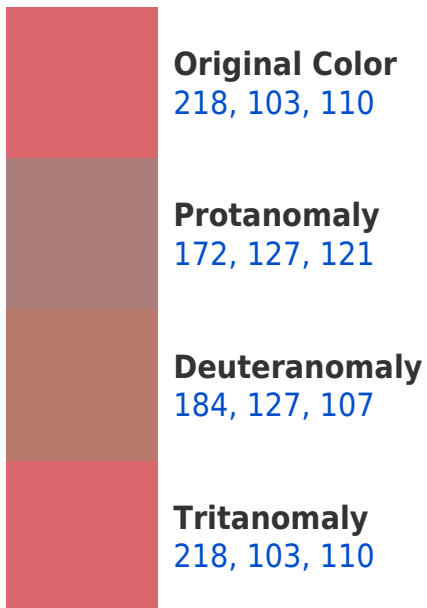
Protanopia
137, 145, 128

Deuteranopia
164, 162, 105

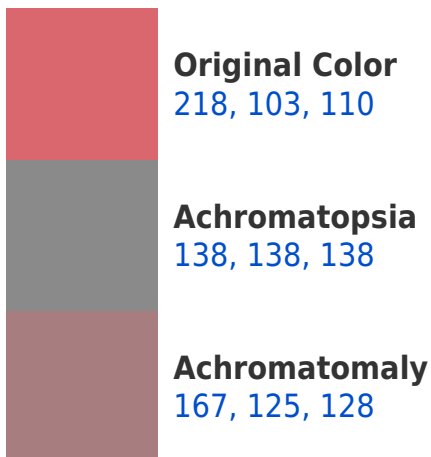


Tritanopia
218, 103, 110

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 103, 110 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, 103, 110)` looks like.

```
.text, #text, p{  
    color:rgb(218, 103, 110)  
}
```

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, 103, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 103, 110) }
```

Border

The CSS property to change the border of an element to RYB 218, 103, 110 is called "border". The border property can be set on classes, ids or directly on the HTML element.

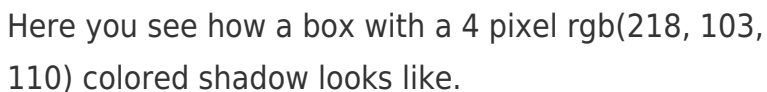
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 103, 110) }
```

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

```
.border{ border-color:rgb(218, 103, 110) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 103, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 103, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 103, 110);  
box-shadow:4px 4px 4px 4px rgb(218, 103,  
110) }
```

Background

The CSS property to change the background color of an element to RGB 218, 103, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 103, 110) }
```

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

```
.background{ background-color: rgb(218,  
103, 110) }
```

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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