

Converting Colors

`RYB(219, 110, 110)`

Have a look what the booklet for
RYB(219, 110, 110) contains.

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Color

R_YB(219, 110, 110)

Conversions

Conversions Part 1

Format	Color
Hex	DB6E6E
RGB	219, 110, 110
RGB Percent	86%, 43%, 43%
CMY	0.1412, 0.5686, 0.5686
CMYK	0.00, 0.50, 0.50, 0.14
HSL	0°, 60%, 65%
HSV	0°, 50%, 86%
XYZ	37.6038, 27.3377, 18.0466
YIQ	142.5910, 64.9640, 23.1080

Conversions

Conversions Part 2

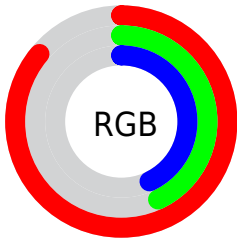
Format	Color
R_{YB}	219, 110, 110
Decimal	14380654
CIE _{Lab}	59.29, 42.55, 19.94
CIE _{LCh}	59, 46.992, 25.111
Yxy	27.3377, 0.4531, 0.3294
Android (android.graphics.Color)	4292570734 (0xFFDB6E6E)
YUV	142.5910, -16.0674, 67.0107
Hunter-Lab	52.2855, 36.8779, 16.1356

Details

The RYB color **219, 110, 110** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **110, 165, 219**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **255, 164, 162**, and **160, 58, 62** is the 20% darker color. If you saturate the color by 10%, you get **219, 88, 88**, and if you desaturate by 10%, it is **219, 132, 132**.

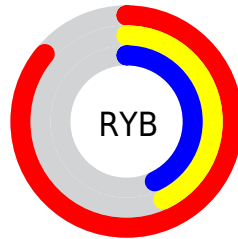
Distribution



Red (86%)

Green (43%)

Blue (43%)



Red (86%)

Yellow (43%)

Blue (43%)

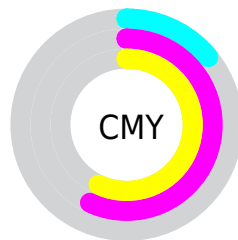


Cyan (0%)

Magenta (50%)

Yellow (50%)

Black (14%)



Cyan (14%)

Magenta (57%)


Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 110, 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 219, 110, 110 by changing the saturation by 10% instead.

 219, 110, 110

 219, 110, 110


255, 255, 255

 189, 84, 86

 255, 164, 162

 160, 58, 62

 255, 192, 189

 131, 31, 41

 255, 220, 216

 102, 0, 20


 255, 252, 245

 75, 0, 0


 50, 0, 2


 0, 0, 0

 219, 110, 110


 219, 110, 110

 219, 88, 88


 219, 132, 132

 219, 66, 66

 219, 154, 154

 219, 44, 44

 219, 176, 176

 219, 22, 22

 219, 198, 198

 219, 1, 1

 219, 220, 220

 219, 0, 0

 219, 230, 241

 219, 237, 255

Harmonies

Analogous

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



215, 108, 151



219, 110, 110



203, 151, 76

Triad

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



219, 110, 110



81, 148, 159



35, 106, 225

Complementary

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



219, 110, 110



110, 165, 219

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, 90, 210



219, 110, 110



0, 89, 163

Square

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



219, 110, 110



64, 151, 83



0, 85, 176



134, 135, 218

Rectangle

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



219, 110, 110



148, 184, 61



0, 85, 176



0, 91, 222

Sweetspot

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



219, 110, 110



255, 217, 217



219, 110, 219



128, 105, 105



0, 0, 0



128, 128, 128

Same Dimension

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



219, 110, 110



255, 102, 102



217, 219, 110



110, 99, 99



173, 0, 0



46, 0, 0

Inverse Universe

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



110, 165, 219



102, 179, 255



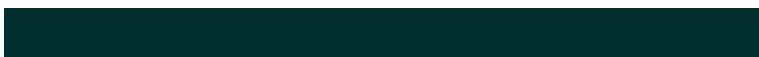
110, 147, 219



99, 105, 110



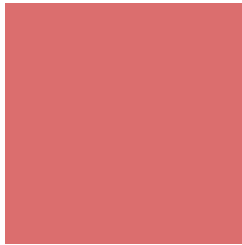
0, 87, 173



0, 23, 46

Previews

White Background



This preview shows how the RYB color 219, 110, 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 219, 110, 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 219, 110, 110 Background



This preview shows how black text looks on a background with the RYB color 219, 110, 110.

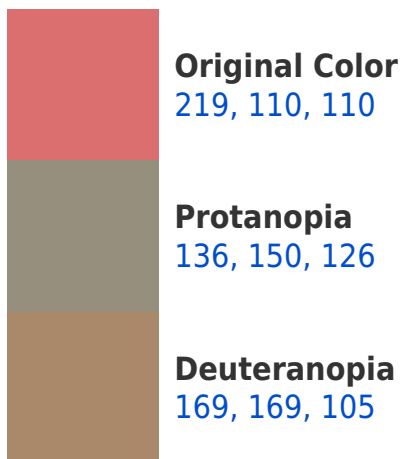



This preview shows how white text looks on a background with the RYB color 219, 110, 110.

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





Tritanopia
219, 109, 117

Trichromacy



Original Color
219, 110, 110

Protanomaly
175, 134, 120

Deuteranomaly
187, 134, 107

Tritanomaly
219, 109, 114

Monochromacy



Original Color
219, 110, 110

Achromatopsia
143, 143, 143

Achromatomaly
171, 131, 131

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 110, 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(219, 110, 110)` looks like.

```
.text, #text, p{  
    color:rgb(219, 110, 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(219, 110, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 110, 110) }
```

Border

The CSS property to change the border of an element to RYB 219, 110, 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(219, 110, 110) }
```

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

```
.border{ border-color:rgb(219, 110, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 110, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 110, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 110, 110);  
box-shadow:4px 4px 4px 4px rgb(219, 110,  
110) }
```

Background

The CSS property to change the background color of an element to RGB 219, 110, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 110, 110) }
```

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

```
.background{ background-color: rgb(219,  
110, 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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