

Converting Colors

`RYB(226, 129, 158)`

Have a look what the booklet for
RYB(226, 129, 158) contains.

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Color

`RYB(226, 129, 158)`

Conversions

Conversions Part 1

Format	Color
Hex	E2819E
RGB	226, 129, 158
RGB Percent	89%, 51%, 62%
CMY	0.1137, 0.4941, 0.3804
CMYK	0.00, 0.43, 0.30, 0.11
HSL	342°, 63%, 70%
HSV	342°, 43%, 89%
XYZ	45.3858, 34.3379, 36.5835
YIQ	161.3090, 48.5030, 29.5830

Conversions

Conversions Part 2

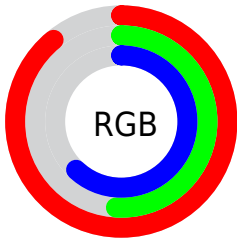
Format	Color
R_{YB}	226, 129, 158
Decimal	14844318
CIE _{Lab}	65.23, 40.68, 1.01
CIE _{LCh}	65, 40.692, 1.425
Yxy	34.3379, 0.3902, 0.2952
Android (android.graphics.Color)	4293034398 (0xFFE2819E)
YUV	161.3090, -1.6313, 56.7340
Hunter-Lab	58.5985, 35.7047, 4.0038

Details

The RYB color **226, 129, 158** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **129, 186, 226**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **255, 184, 213**, and **168, 77, 107** is the 20% darker color. If you saturate the color by 10%, you get **226, 106, 142**, and if you desaturate by 10%, it is **226, 152, 174**.

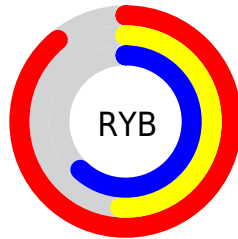
Distribution



Red (89%)

Green (51%)

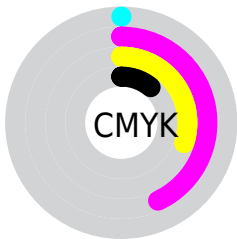
Blue (62%)



Red (89%)

Yellow (51%)

Blue (62%)

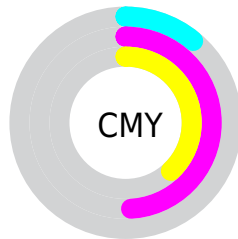


Cyan (0%)

Magenta (43%)

Yellow (30%)

Black (11%)



Cyan (11%)

Magenta (49%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 226, 129, 158 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 226, 129, 158 by changing the saturation by 10% instead.

 226, 129, 158

255, 255, 255

 255, 184, 213

 255, 212, 241

 255, 241, 255

 226, 129, 158

 197, 103, 132

 168, 77, 107

 140, 51, 83

 113, 25, 60

 86, 0, 38

 60, 0, 17

 34, 0, 1

 0, 0, 0

 226, 129, 158

 226, 129, 158

■ 226, 106, 142

■ 226, 152, 174

■ 226, 84, 126

■ 226, 174, 190

■ 226, 61, 110

■ 226, 197, 206

■ 226, 39, 95

■ 226, 219, 221

■ 226, 16, 79

■ 226, 235, 242

■ 226, 0, 68

■ 226, 241, 255

■ 226, 241, 255

Harmonies

Analogous

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



205, 135, 194



226, 129, 158



226, 134, 122

Triad

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



226, 129, 158



94, 167, 119



0, 96, 221

Complementary

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



226, 129, 158



129, 186, 226

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, 93, 195



226, 129, 158



97, 155, 174

Square

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



226, 129, 158



114, 180, 84



28, 107, 177



104, 143, 231

Rectangle

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



226, 129, 158



217, 158, 103



28, 107, 177



0, 96, 214

Sweetspot

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



226, 129, 158



255, 222, 232



197, 129, 226



128, 107, 113



0, 0, 0



128, 128, 128

Same Dimension

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



226, 129, 158



255, 122, 162



226, 153, 129



112, 101, 104



176, 0, 53



48, 0, 14

Inverse Universe

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



226, 129, 158



255, 122, 162



129, 172, 226



112, 101, 104



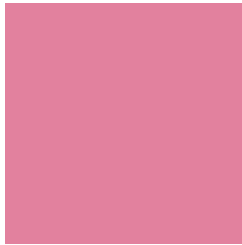
176, 0, 53



48, 0, 14

Previews

White Background



This preview shows how the RYB color 226, 129, 158 looks on a white background.

Color Contrast Check

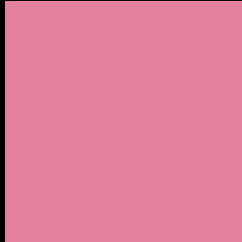
Large Text (above 18pt) WCAG AA × Fail

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 226, 129, 158 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 226, 129, 158 Background



This preview shows how black text looks on a background with the RYB color 226, 129, 158.

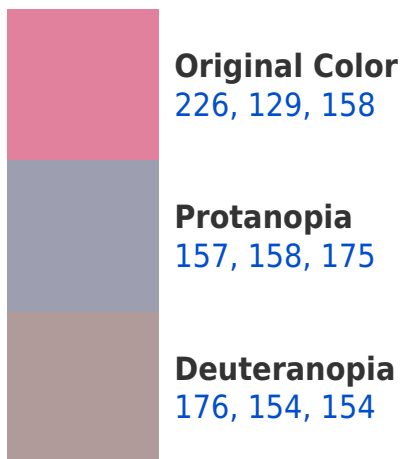


This preview shows how white text looks on a background with the RYB color 226, 129, 158.

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
224, 132, 142

Trichromacy



Original Color
226, 129, 158

Protanomaly
182, 147, 169

Deuteranomaly
194, 145, 155

Tritanomaly
225, 131, 148

Monochromacy



Original Color
226, 129, 158

Achromatopsia
161, 161, 161

Achromatomaly
185, 149, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 226, 129, 158 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(226, 129, 158) looks like.

```
.text, #text, p{  
    color:rgb(226, 129, 158)  
}
```

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(226, 129, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 129, 158) }
```

Border

The CSS property to change the border of an element to RYB 226, 129, 158 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(226, 129, 158) }
```

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

```
.border{ border-color:rgb(226, 129, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 129, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 129, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 129, 158);  
box-shadow:4px 4px 4px 4px rgb(226, 129,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 226, 129, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 129, 158) }
```

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

```
.background{ background-color: rgb(226,  
129, 158) }
```

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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