

Converting Colors

`RYB(226, 158, 225)`

Have a look what the booklet for
RYB(226, 158, 225) contains.

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Color

`RYB(226, 158, 225)`

Conversions

Conversions Part 1

Format	Color
Hex	E29EE1
RGB	226, 158, 225
RGB Percent	89%, 62%, 88%
CMY	0.1137, 0.3804, 0.1176
CMYK	0.00, 0.30, 0.00, 0.11
HSL	301°, 54%, 75%
HSV	301°, 30%, 89%
XYZ	57.1815, 46.0587, 77.1106
YIQ	185.9700, 19.0210, 35.2530

Conversions

Conversions Part 2

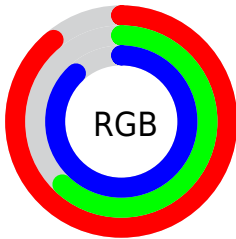
Format	Color
R_{YB}	226, 158, 225
Decimal	14851809
CIE _{Lab}	73.58, 35.96, -23.82
CIE _{LCh}	74, 43.130, 326.481
Yxy	46.0587, 0.3171, 0.2554
Android (android.graphics.Color)	4293041889 (0xFFE29EE1)
YUV	185.9700, 19.2418, 35.1063
Hunter-Lab	67.8666, 31.6300, -19.8592

Details

The RYB color **226, 158, 225** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **158, 225, 226**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 213, 255**, and **170, 105, 170** is the 20% darker color. If you saturate the color by 10%, you get **226, 135, 225**, and if you desaturate by 10%, it is **226, 181, 225**.

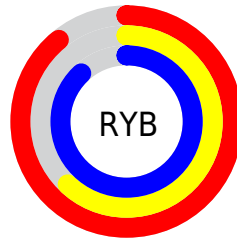
Distribution



Red (89%)

Green (62%)

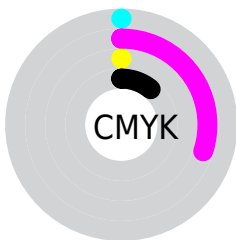
Blue (88%)



Red (89%)

Yellow (62%)

Blue (88%)

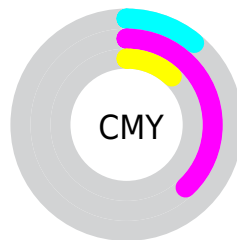


Cyan (0%)

Magenta (30%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (38%)


Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 226, 158, 225 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, 158, 225 by changing the saturation by 10% instead.


 226, 158, 225

 226, 158, 225


255, 255, 255

 198, 131, 197

 255, 213, 255

 170, 105, 170

 255, 242, 255

 143, 80, 143

 116, 56, 117

 90, 31, 92

 66, 4, 69


 43, 0, 46

 7, 0, 25

 0, 0, 0

 226, 158, 225

 226, 158, 225

 226, 135, 225


 226, 181, 225

 226, 113, 224

 226, 203, 226

 226, 90, 224

 226, 226, 226

 226, 68, 224


 226, 248, 248

 226, 45, 223

 226, 254, 255

 226, 22, 223

 226, 253, 255

 226, 0, 223

Harmonies

Analogous

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



178, 172, 252



226, 158, 225



252, 150, 187

Triad

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



226, 158, 225



148, 210, 101



0, 104, 215

Complementary

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



226, 158, 225



158, 225, 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.



63, 139, 201



226, 158, 225



108, 189, 127

Square

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



226, 158, 225



241, 191, 116



123, 186, 197



0, 109, 246

Rectangle

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



226, 158, 225



255, 150, 160



123, 186, 197



0, 101, 202

Sweetspot

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



226, 158, 225



255, 232, 255



158, 158, 226



128, 113, 127



0, 0, 0



128, 128, 128

Same Dimension

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



226, 158, 225



255, 163, 254



226, 158, 192



112, 101, 112



176, 0, 173



48, 0, 48

Inverse Universe

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



226, 158, 225



255, 163, 254



158, 203, 226



112, 101, 112



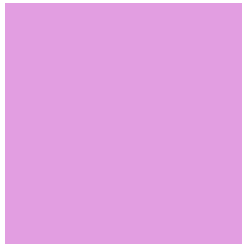
176, 0, 173



48, 0, 48

Previews

White Background



This preview shows how the RYB color 226, 158, 225 looks on a white background.

Color Contrast Check

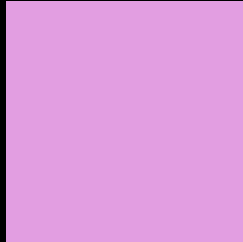
Large Text (above 18pt) WCAG AA × Fail

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, 158, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

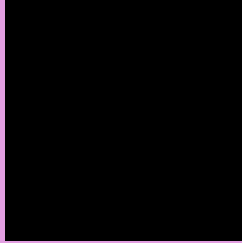
Any Text WCAG AA ✓ Pass

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](#).

RVB 226, 158, 225 Background



This preview shows how black text looks on a background with the RYB color 226, 158, 225.



This preview shows how white text looks on a background with the RYB color 226, 158, 225.

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
226, 158, 225

Protanopia
164, 177, 240

Deuteranopia
178, 177, 221



Tritanopia
220, 167, 180

Trichromacy



Original Color

226, 158, 225



Protanomaly

187, 171, 235



Deuteranomaly

195, 170, 222



Tritanomaly

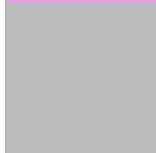
222, 164, 196

Monochromacy



Original Color

226, 158, 225



Achromatopsia

186, 186, 186



Achromatomaly

201, 176, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 226, 158, 225 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, 158, 225) looks like.

```
.text, #text, p{  
    color:rgb(226, 158, 225)  
}
```

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, 158, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 158, 225) }
```

Border

The CSS property to change the border of an element to RYB 226, 158, 225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

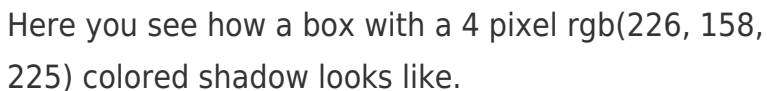
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 158, 225) }
```

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

```
.border{ border-color:rgb(226, 158, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(226, 158, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 158, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 158, 225); box-shadow:4px 4px 4px 4px rgb(226, 158, 225) }
```

Background

The CSS property to change the background color of an element to RGB 226, 158, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 158, 225) }
```

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

```
.background{ background-color: rgb(226,  
158, 225) }
```

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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