

Converting Colors

`RYB(229, 126, 125)`

Have a look what the booklet for
RYB(229, 126, 125) contains.

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Color

R_YB(229, 126, 125)

Conversions

Conversions Part 1

Format	Color
Hex	E57E7D
RGB	229, 126, 125
RGB Percent	90%, 49%, 49%
CMY	0.1020, 0.5059, 0.5098
CMYK	0.00, 0.45, 0.45, 0.10
HSL	1°, 67%, 69%
HSV	1°, 45%, 90%
XYZ	43.4744, 33.0580, 23.4915
YIQ	156.6830, 61.7090, 21.5250

Conversions

Conversions Part 2

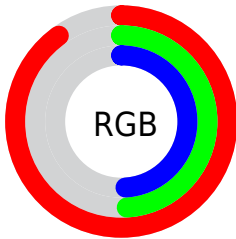
Format	Color
R _Y B	229, 126, 125
Decimal	15040125
CIE Lab	64.21, 39.52, 18.34
CIE LCh	64, 43.566, 24.889
Yxy	33.0580, 0.4346, 0.3305
Android (android.graphics.Color)	4293230205 (0xFFE57E7D)
YUV	156.6830, -15.6197, 63.4220
Hunter-Lab	57.4960, 34.3509, 16.0228

Details

The RYB color **229, 126, 125** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **125, 177, 229**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **255, 180, 178**, and **170, 74, 76** is the 20% darker color. If you saturate the color by 10%, you get **229, 103, 102**, and if you desaturate by 10%, it is **229, 149, 148**.

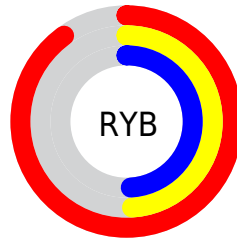
Distribution



Red (90%)

Green (49%)

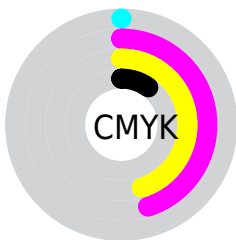
Blue (49%)



Red (90%)

Yellow (49%)

Blue (49%)

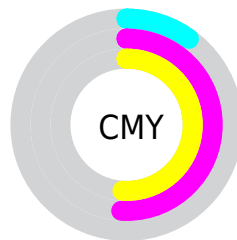


Cyan (0%)

Magenta (45%)

Yellow (45%)

Black (10%)



Cyan (10%)

Magenta (51%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the RYB color 229, 126, 125 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 229, 126, 125 by changing the saturation by 10% instead.

 229, 126, 125

 229, 126, 125


255, 255, 255

 199, 100, 100

 255, 180, 178

 170, 74, 76

 255, 208, 205

 141, 49, 54

 255, 238, 233

 113, 22, 32


 85, 0, 10

 58, 0, 0

 28, 0, 1

 0, 0, 0

 229, 126, 125

 229, 126, 125

■ 229, 103, 102

■ 229, 149, 148

■ 229, 81, 79

■ 229, 171, 171

■ 229, 58, 56

■ 229, 194, 194

■ 229, 35, 33

■ 229, 217, 217

■ 229, 13, 10

■ 229, 234, 240

■ 229, 2, 0

■ 229, 242, 255

Harmonies

Analogous

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



224, 124, 164



229, 126, 125



214, 162, 93

Triad

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



229, 126, 125



100, 163, 171



74, 131, 233

Complementary

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



229, 126, 125



125, 177, 229

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, 96, 218



229, 126, 125



22, 106, 175

Square

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



229, 126, 125



83, 163, 99



0, 90, 187



149, 148, 226

Rectangle

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



229, 126, 125



165, 196, 80



0, 90, 187



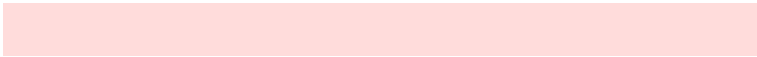
33, 112, 230

Sweetspot

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



229, 126, 125



255, 220, 219



229, 125, 229



128, 106, 106



0, 0, 0



128, 128, 128

Same Dimension

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



229, 126, 125



255, 119, 117



229, 229, 125



115, 103, 103



179, 2, 0



51, 0, 0

Inverse Universe

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



125, 177, 229



117, 186, 255



125, 160, 229



103, 109, 115



0, 89, 179



0, 26, 51

Previews

White Background



This preview shows how the RYB color 229, 126, 125 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 229, 126, 125 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 229, 126, 125 Background



This preview shows how black text looks on a background with the RYB color 229, 126, 125.



This preview shows how white text looks on a background with the RYB color 229, 126, 125.

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
229, 126, 125

Protanopia
150, 163, 140

Deuteranopia
183, 175, 121



Tritanopia

230, 125, 134

Trichromacy



Original Color

229, 126, 125



Protanomaly

187, 147, 135



Deuteranomaly

200, 147, 122



Tritanomaly

230, 125, 131

Monochromacy



Original Color

229, 126, 125



Achromatopsia

157, 157, 157



Achromatomaly

183, 146, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 229, 126, 125 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(229, 126, 125)` looks like.

```
.text, #text, p{  
    color:rgb(229, 126, 125)  
}
```

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(229, 126, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 126, 125) }
```

Border

The CSS property to change the border of an element to RYB 229, 126, 125 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(229, 126, 125) }
```

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

```
.border{ border-color:rgb(229, 126, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 126, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 126, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 126, 125);  
box-shadow:4px 4px 4px 4px rgb(229, 126,  
125) }
```

Background

The CSS property to change the background color of an element to RYB 229, 126, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 126, 125) }
```

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

```
.background{ background-color: rgb(229,  
126, 125) }
```

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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