

Converting Colors

`RYB(230, 210, 228)`

Have a look what the booklet for RYB(230, 210, 228) contains.

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Color

R_YB(230, 210, 228)

Conversions

Conversions Part 1

Format	Color
Hex	E6D2E4
RGB	230, 210, 228
RGB Percent	90%, 82%, 89%
CMY	0.0980, 0.1765, 0.1059
CMYK	0.00, 0.09, 0.01, 0.10
HSL	306°, 29%, 86%
HSV	306°, 9%, 90%
XYZ	69.6833, 68.5176, 82.9513
YIQ	218.0320, 6.1420, 9.8380

Conversions

Conversions Part 2

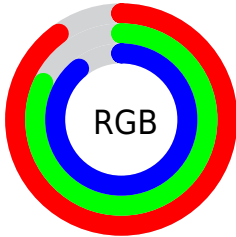
Format	Color
R _Y B	230, 210, 228
Decimal	15127268
CIE Lab	86.26, 10.06, -6.34
CIE LCh	86, 11.890, 327.749
Yxy	68.5176, 0.3151, 0.3098
Android (android.graphics.Color)	4293317348 (0xFFE6D2E4)
YUV	218.0320, 4.9142, 10.4959
Hunter-Lab	82.7754, 5.4109, -1.4733

Details

The RYB color **230, 210, 228** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **210, 228, 230**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **255, 255, 255**, and **174, 156, 173** is the 20% darker color. If you saturate the color by 10%, you get **230, 187, 226**, and if you desaturate by 10%, it is **230, 233, 233**.

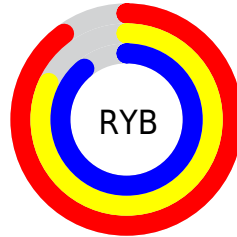
Distribution



Red (90%)

Green (82%)

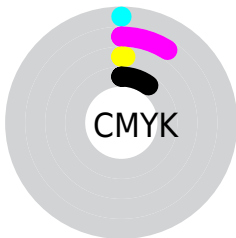
Blue (89%)



Red (90%)

Yellow (82%)

Blue (89%)

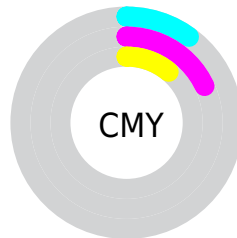


Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (10%)



Cyan (10%)

Magenta (18%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 210, 228 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 230, 210, 228 by changing the saturation by 10% instead.

 230, 210, 228

255, 255, 255

 230, 210, 228

 202, 182, 200

 174, 156, 173


 148, 129, 146

 122, 104, 120

 97, 80, 96

 73, 57, 72


 50, 36, 49

 30, 15, 29


 0, 0, 0

 230, 210, 228


 230, 210, 228

 230, 187, 226


 230, 233, 233

 230, 164, 223


 230, 252, 255

 230, 141, 221


 230, 251, 255

 230, 118, 219

 230, 250, 255

 230, 95, 217

 230, 248, 255

 230, 72, 214

 230, 247, 255

 230, 49, 212

 230, 246, 255

 230, 26, 210

 230, 245, 255

 230, 3, 207

 230, 244, 255

Harmonies

Analogous

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



217, 213, 236



230, 210, 228



238, 208, 217

Triad

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



230, 210, 228



210, 226, 193



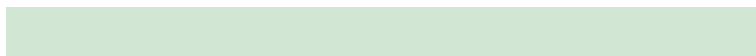
188, 206, 226

Complementary

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



230, 210, 228



210, 228, 230

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.



191, 210, 223



230, 210, 228



196, 218, 200

Square

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



230, 210, 228



236, 219, 197



201, 218, 221



192, 209, 234

Rectangle

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



230, 210, 228



240, 208, 209



201, 218, 221



188, 206, 223

Sweetspot

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



230, 210, 228



255, 247, 254



212, 210, 230



128, 122, 127



0, 0, 0



128, 128, 128

Same Dimension

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



230, 210, 228



255, 230, 252



230, 210, 218



115, 103, 114



179, 0, 161



51, 0, 46

Inverse Universe

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



230, 210, 228



255, 230, 252



210, 223, 230



115, 103, 114



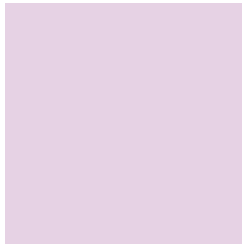
179, 0, 161



51, 0, 46

Previews

White Background



This preview shows how the RYB color 230, 210, 228 looks on a white background.

Color Contrast Check

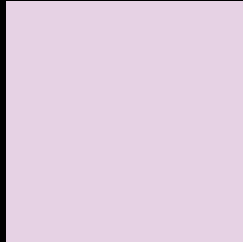
Large Text (above 18pt) WCAG AA × Fail

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 230, 210, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

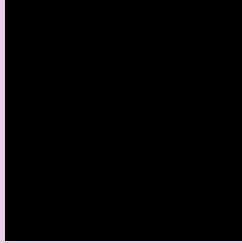
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

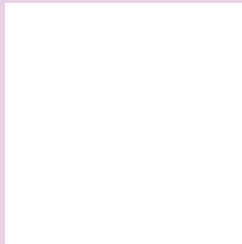
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 230, 210, 228 Background



This preview shows how black text looks on a background with the RYB color 230, 210, 228.

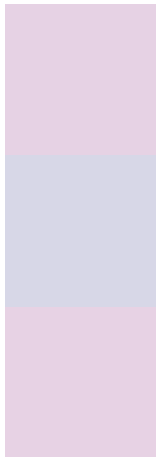


This preview shows how white text looks on a background with the RYB color 230, 210, 228.

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
230, 210, 228

Protanopia
215, 215, 231

Deuteranopia
231, 210, 228



Tritanopia
230, 210, 227

Trichromacy



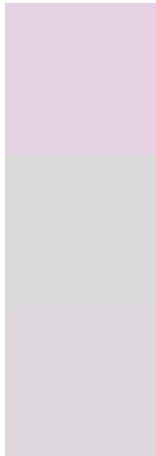
Original Color
230, 210, 228

Protanomaly
220, 213, 230

Deuteranomaly
231, 210, 228

Tritanomaly
230, 210, 227

Monochromacy



Original Color
230, 210, 228

Achromatopsia
218, 218, 218

Achromatomaly
222, 215, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 210, 228 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(230, 210, 228) looks like.

```
.text, #text, p{  
    color:rgb(230, 210, 228)  
}
```

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(230, 210, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 210, 228) }
```

Border

The CSS property to change the border of an element to RYB 230, 210, 228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

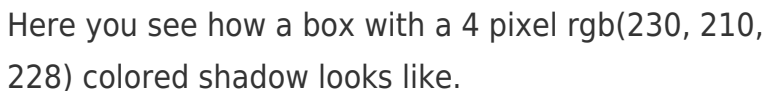
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(230, 210, 228) }
```

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

```
.border{ border-color:rgb(230, 210, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(230, 210, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 210, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 210, 228); box-shadow:4px 4px 4px 4px rgb(230, 210, 228) }
```

Background

The CSS property to change the background color of an element to RYB 230, 210, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 210, 228) }
```

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

```
.background{ background-color: rgb(230,  
210, 228) }
```

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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