

Converting Colors

`RYB(236, 210, 226)`

Have a look what the booklet for RYB(236, 210, 226) contains.

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Color

R_YB(236, 210, 226)

Conversions

Conversions Part 1

Format	Color
Hex	ECD2E2
RGB	236, 210, 226
RGB Percent	93%, 82%, 89%
CMY	0.0745, 0.1765, 0.1137
CMYK	0.00, 0.11, 0.04, 0.07
HSL	323°, 41%, 87%
HSV	323°, 11%, 93%
XYZ	71.3661, 69.4170, 81.5889
YIQ	219.5980, 10.3600, 10.4880

Conversions

Conversions Part 2

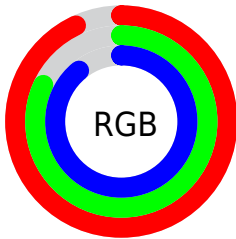
Format	Color
R _Y B	236, 210, 226
Decimal	15520482
CIE Lab	86.71, 11.74, -4.57
CIE LCh	87, 12.595, 338.719
Yxy	69.4170, 0.3209, 0.3122
Android (android.graphics.Color)	4293710562 (0xFFECD2E2)
YUV	219.5980, 3.1562, 14.3846
Hunter-Lab	83.3169, 7.0919, 0.2615

Details

The RYB color **236, 210, 226** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **210, 229, 236**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is 255, 255, 255, and **180, 155, 171** is the 20% darker color. If you saturate the color by 10%, you get **236, 186, 217**, and if you desaturate by 10%, it is **236, 234, 235**.

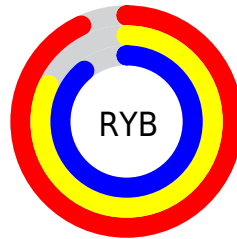
Distribution



Red (93%)

Green (82%)

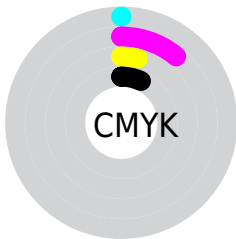
Blue (89%)



Red (93%)

Yellow (82%)

Blue (89%)

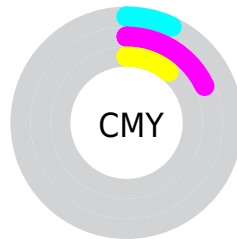


Cyan (0%)

Magenta (11%)

Yellow (4%)

Black (7%)



Cyan (7%)

Magenta (18%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 236, 210, 226 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 236, 210, 226 by changing the saturation by 10% instead.

 236, 210, 226

 236, 210, 226

255, 255, 255


 208, 182, 198

 180, 155, 171


 153, 129, 144

 127, 104, 119

 102, 80, 94

 78, 57, 70

 55, 35, 48

 33, 15, 27

 0, 0, 0

 236, 210, 226

 236, 210, 226

 236, 186, 217

 236, 234, 235

 236, 163, 208

 236, 249, 255

 236, 139, 199

 236, 246, 255

 236, 116, 190

 236, 246, 255

 236, 92, 181

 236, 68, 172

 236, 45, 162

 236, 21, 153

 236, 0, 145

Harmonies

Analogous

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



224, 213, 236



236, 210, 226



242, 209, 214

Triad

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



236, 210, 226



202, 223, 194



188, 207, 232

Complementary

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



236, 210, 226



210, 229, 236

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.



189, 208, 224



236, 210, 226



198, 221, 209

Square

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



236, 210, 226



235, 228, 195



197, 215, 223



195, 211, 239

Rectangle

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



236, 210, 226



243, 210, 206



197, 215, 223



187, 206, 228

Sweetspot

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



236, 210, 226



255, 247, 252



220, 210, 236



128, 122, 126



0, 0, 0



128, 128, 128

Same Dimension

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



236, 210, 226



255, 222, 242



236, 210, 213



117, 106, 113



181, 0, 111



54, 0, 33

Inverse Universe

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



236, 210, 226



255, 222, 242



210, 224, 236



117, 106, 113



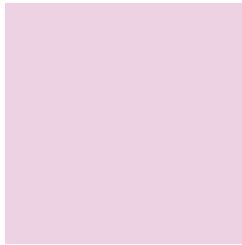
181, 0, 111



54, 0, 33

Previews

White Background



This preview shows how the RYB color 236, 210, 226 looks on a white background.

Color Contrast Check

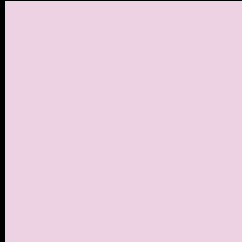
Large Text (above 18pt) WCAG AA × Fail

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 236, 210, 226 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](#).

R Y B 236, 210, 226 Background



This preview shows how black text looks on a background with the R Y B color 236, 210, 226.


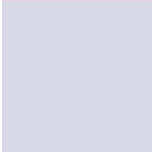
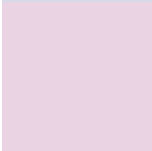



This preview shows how white text looks on a background with the R Y B color 236, 210, 226.

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 236, 210, 226
	Protanopia 217, 216, 230
	Deuteranopia 234, 211, 226



Tritanopia
236, 210, 226

Trichromacy



Original Color

236, 210, 226

Protanomaly

224, 214, 229

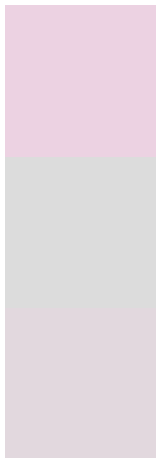
Deuteranomaly

235, 211, 226

Tritanomaly

236, 210, 226

Monochromacy



Original Color

236, 210, 226

Achromatopsia

220, 220, 220

Achromatomaly

226, 216, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 236, 210, 226 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(236, 210, 226) looks like.

```
.text, #text, p{  
    color:rgb(236, 210, 226)  
}
```

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(236, 210, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 210, 226) }
```

Border

The CSS property to change the border of an element to RYB 236, 210, 226 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(236, 210, 226) }
```

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

```
.border{ border-color:rgb(236, 210, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 210, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 210, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 210, 226);  
box-shadow:4px 4px 4px 4px rgb(236, 210,  
226) }
```

Background

The CSS property to change the background color of an element to RYB 236, 210, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 210, 226) }
```

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

```
.background{ background-color: rgb(236,  
210, 226) }
```

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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