

Converting Colors

`RYB(242, 216, 220)`

Have a look what the booklet for
RYB(242, 216, 220) contains.

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Color

`RYB(242, 216, 220)`

Conversions

Conversions Part 1	
Format	Color
Hex	F2D8DC
RGB	242, 216, 220
RGB Percent	95%, 85%, 86%
CMY	0.0510, 0.1529, 0.1373
CMYK	0.00, 0.11, 0.09, 0.05
HSL	351°, 50%, 90%
HSV	351°, 11%, 95%
XYZ	74.0921, 73.1563, 77.9256
YIQ	224.2300, 14.2120, 6.7560

Conversions

Conversions Part 2

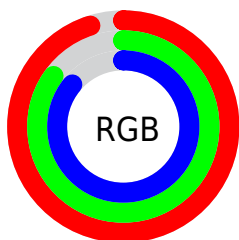
Format	Color
RYB	242, 216, 220
Decimal	15915228
CIELab	88.52, 9.64, 1.31
CIELCh	89, 9.728, 7.760
Yxy	73.1563, 0.3290, 0.3249
Android (android.graphics.Color)	4294105308 (0xFFFF2D8DC)
YUV	224.2300, -2.0854, 15.5843
Hunter-Lab	85.5314, 4.9466, 5.8543

Details

The RYB color **242, 216, 220** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **216, 230, 242**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 255**, and **186, 161, 165** is the 20% darker color. If you saturate the color by 10%, you get **242, 192, 200**, and if you desaturate by 10%, it is **242, 240, 240**.

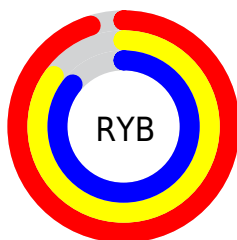
Distribution



Red (95%)

Green (85%)

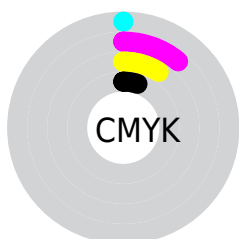
Blue (86%)



Red (95%)

Yellow (85%)

Blue (86%)

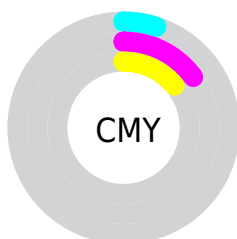


Cyan (0%)

Magenta (11%)

Yellow (9%)

Black (5%)



Cyan (5%)

Magenta (15%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the RYB color 242, 216, 220 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 242, 216, 220 by changing the saturation by 10% instead.

 242, 216, 220

 242, 216, 220

255, 255, 255

 214, 188, 192

 186, 161, 165

 159, 135, 139

 132, 110, 113

 107, 85, 89

 83, 62, 66

 59, 40, 44

 37, 20, 23


 9, 0, 0

 242, 216, 220

 242, 216, 220

 242, 192, 200

 242, 240, 240

 242, 168, 179

 242, 249, 255

 242, 143, 159

 242, 119, 138

 242, 95, 118

 242, 71, 97

 242, 47, 77

 242, 22, 56

 242, 0, 37

Harmonies

Analogous

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



237, 217, 229



242, 216, 220



242, 218, 211

Triad

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



242, 216, 220



207, 225, 215



206, 218, 239

Complementary

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



242, 216, 220



216, 230, 242

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.



200, 215, 233



242, 216, 220



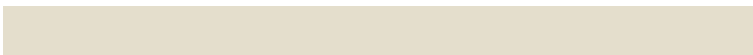
207, 221, 227

Square

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



242, 216, 220



212, 228, 204



201, 216, 228



216, 221, 240

Rectangle

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



242, 216, 220



239, 224, 207



201, 216, 228



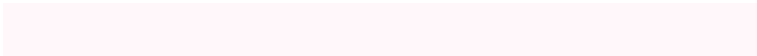
203, 217, 237

Sweetspot

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



242, 216, 220



255, 247, 249



238, 216, 242



128, 122, 123



0, 0, 0



128, 128, 128

Same Dimension

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



242, 216, 220



255, 222, 227



242, 230, 216



120, 108, 110



184, 0, 28



56, 0, 9

Inverse Universe

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



242, 216, 220



255, 222, 227



216, 226, 242



120, 108, 110



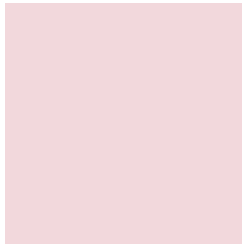
184, 0, 28



56, 0, 9

Previews

White Background



This preview shows how the RYB color 242, 216, 220 looks on a white background.

Color Contrast Check

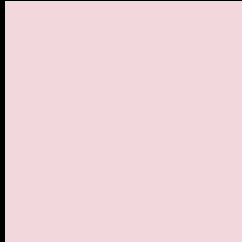
Large Text (above 18pt) WCAG AA × Fail

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 242, 216, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

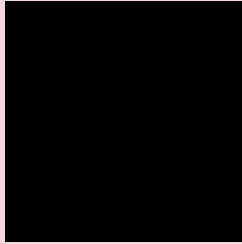
Any Text WCAG AA ✓ Pass

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 242, 216, 220 Background



This preview shows how black text looks on a background with the RYB color 242, 216, 220.

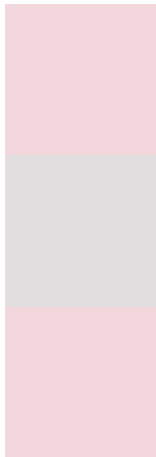


This preview shows how white text looks on a background with the RYB color 242, 216, 220.

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

242, 216, 220

Protanopia

226, 221, 223

Deuteranopia

244, 215, 220



Tritanopia

244, 214, 231

Trichromacy

	Original Color 242, 216, 220
	Protanomaly 232, 219, 222
	Deuteranomaly 243, 215, 220
	Tritanomaly 243, 215, 227

Monochromacy

	Original Color 242, 216, 220
	Achromatopsia 224, 224, 224
	Achromatomaly 231, 221, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 216, 220 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(242, 216, 220) looks like.

```
.text, #text, p{  
    color:rgb(242, 216, 220)  
}
```

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(242, 216, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 216, 220) }
```

Border

The CSS property to change the border of an element to RYB 242, 216, 220 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(242, 216, 220) }
```

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

```
.border{ border-color:rgb(242, 216, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 216, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 216, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 216, 220);  
box-shadow:4px 4px 4px 4px rgb(242, 216,  
220) }
```

Background

The CSS property to change the background color of an element to RGB 242, 216, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 216, 220) }
```

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

```
.background{ background-color: rgb(242,  
216, 220) }
```

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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