

Converting Colors

`RYB(242, 226, 232)`

Have a look what the booklet for
RYB(242, 226, 232) contains.

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Color

R_YB(242, 226, 232)

Conversions

Conversions Part 1

Format	Color
Hex	F2E2E8
RGB	242, 226, 232
RGB Percent	95%, 89%, 91%
CMY	0.0510, 0.1137, 0.0902
CMYK	0.00, 0.07, 0.04, 0.05
HSL	338°, 38%, 92%
HSV	338°, 7%, 95%
XYZ	78.3798, 79.0962, 87.4800
YIQ	231.4680, 7.6100, 5.2580

Conversions

Conversions Part 2

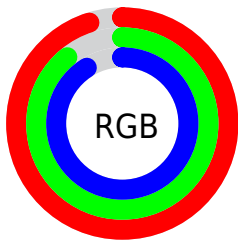
Format	Color
R _Y B	242, 226, 232
Decimal	15917800
CIE Lab	91.28, 6.47, -0.97
CIE LCh	91, 6.544, 351.504
Yxy	79.0962, 0.3200, 0.3229
Android (android.graphics.Color)	4294107880 (0xFF F2 E2 E8)
YUV	231.4680, 0.2623, 9.2366
Hunter-Lab	88.9360, 1.6750, 3.9359

Details

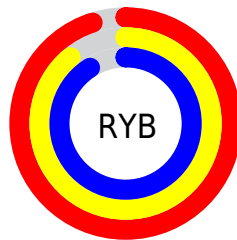
The RYB color **242, 226, 232** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **226, 236, 242**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is 255, 255, 255, and **186, 171, 176** is the 20% darker color. If you saturate the color by 10%, you get **242, 202, 217**, and if you desaturate by 10%, it is **242, 247, 250**.

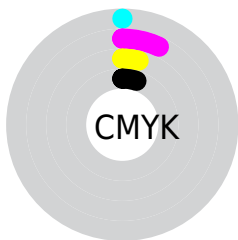
Distribution



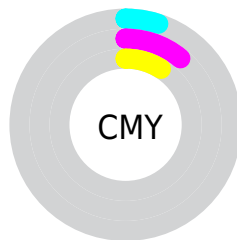
- Red (95%)
- Green (89%)
- Blue (91%)



- Red (95%)
- Yellow (89%)
- Blue (91%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 226, 232 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, 226, 232 by changing the saturation by 10% instead.

■ 242, 226, 232

255, 255, 255

■ 242, 226, 232

■ 214, 198, 204

■ 186, 171, 176

■ 159, 144, 150

■ 133, 119, 124

■ 107, 94, 99

■ 83, 70, 75

■ 60, 48, 53

■ 38, 27, 31


■ 18, 0, 7

 242, 226, 232


 242, 226, 232


 242, 202, 217


 242, 247, 250

 242, 178, 202

 242, 249, 255

 242, 153, 187

 242, 129, 171

 242, 105, 156

 242, 81, 141

 242, 57, 126

 242, 32, 111

 242, 8, 96

Harmonies

Analogous

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



237, 227, 238



242, 226, 232



244, 226, 226

Triad

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



242, 226, 232



218, 231, 219



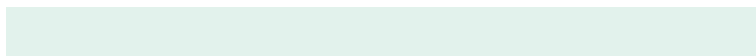
217, 226, 240

Complementary

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



242, 226, 232



226, 236, 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.



215, 225, 234



242, 226, 232



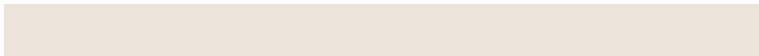
222, 233, 232

Square

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



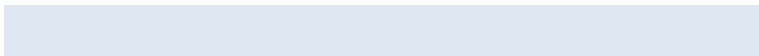
242, 226, 232



232, 237, 218



217, 227, 234



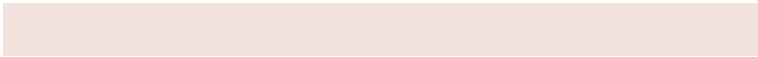
222, 228, 242

Rectangle

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



242, 226, 232



243, 229, 222



217, 227, 234



216, 226, 238

Sweetspot

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



242, 226, 232



255, 250, 252



236, 226, 242



128, 125, 126



0, 0, 0



128, 128, 128

Same Dimension

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



242, 226, 232



255, 235, 242



242, 228, 226



120, 108, 112



184, 0, 69



56, 0, 21

Inverse Universe

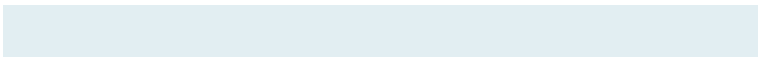
The Inverse Universe completely reimagines the original color for something new.



242, 226, 232



255, 235, 242



226, 233, 242



120, 108, 112



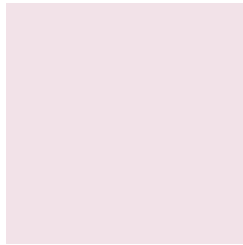
184, 0, 69



56, 0, 21

Previews

White Background



This preview shows how the RYB color 242, 226, 232 looks on a white background.

Color Contrast Check

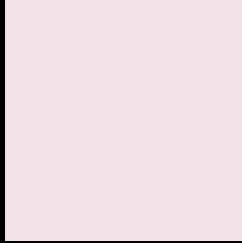
Large Text (above 18pt) WCAG AA × Fail

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, 226, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

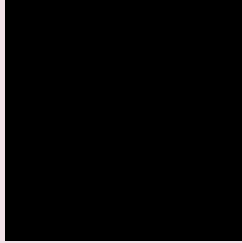
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

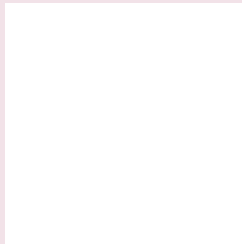
Any Text WCAG AAA ✓ Pass

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

RYB 242, 226, 232 Background



This preview shows how black text looks on a background with the RYB color 242, 226, 232.



This preview shows how white text looks on a background with the RYB color 242, 226, 232.

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](#).

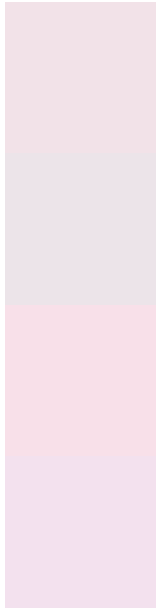
Dichromacy

	Original Color 242 , 226 , 232
	Protanopia 233 , 229 , 234
	Deuteranopia 251 , 223 , 233



Tritanopia
243, 224, 242

Trichromacy



Original Color

242, 226, 232

Protanomaly

236, 228, 233

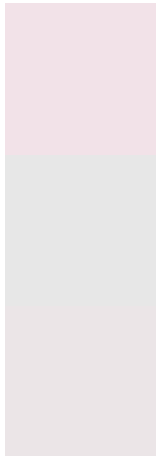
Deuteranomaly

248, 224, 233

Tritanomaly

243, 225, 238

Monochromacy



Original Color

242, 226, 232

Achromatopsia

231, 231, 231

Achromatomaly

235, 229, 231

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 226, 232 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, 226, 232) looks like.

```
.text, #text, p{  
    color:rgb(242, 226, 232)  
}
```

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, 226, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 226, 232) }
```

Border

The CSS property to change the border of an element to RYB 242, 226, 232 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, 226, 232) }
```

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

```
.border{ border-color:rgb(242, 226, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 226, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 226, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 226, 232);  
box-shadow:4px 4px 4px 4px rgb(242, 226,  
232) }
```

Background

The CSS property to change the background color of an element to RYB 242, 226, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 226, 232) }
```

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

```
.background{ background-color: rgb(242,  
226, 232) }
```

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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