

Converting Colors

`RYB(238, 226, 225)`

Have a look what the booklet for
RYB(238, 226, 225) contains.

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Color

R_YB(238, 226, 225)

Conversions

Conversions Part 1

Format	Color
Hex	EEE2E1
RGB	238, 226, 225
RGB Percent	93%, 89%, 88%
CMY	0.0667, 0.1140, 0.1176
CMYK	0.00, 0.05, 0.05, 0.07
HSL	4°, 28%, 91%
HSV	4°, 5%, 93%
XYZ	76.0274, 77.9673, 82.2763
YIQ	229.4740, 7.4730, 2.2330

Conversions

Conversions Part 2

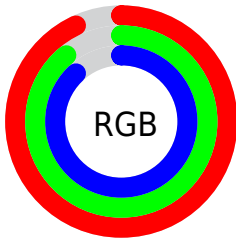
Format	Color
R _Y B	238, 226, 225
Decimal	15655649
CIE Lab	90.76, 3.94, 1.91
CIE LCh	91, 4.383, 25.851
Yxy	77.9673, 0.3218, 0.3300
Android (android.graphics.Color)	4293845729 (0xFFEEE2E1)
YUV	229.4740, -2.2057, 7.4773
Hunter-Lab	88.2991, -0.8310, 6.5635

Details

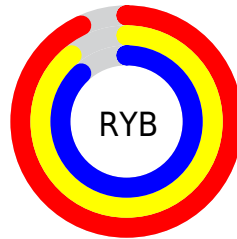
The RYB color **238, 226, 225** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **225, 231, 238**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 255**, and **182, 171, 170** is the 20% darker color. If you saturate the color by 10%, you get **238, 204, 201**, and if you desaturate by 10%, it is **238, 243, 249**.

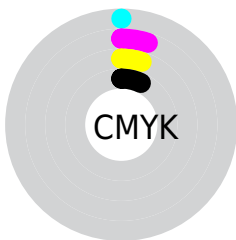
Distribution



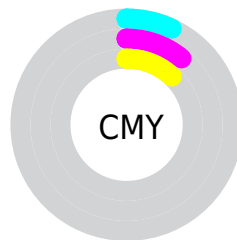
- Red (93%)
- Green (89%)
- Blue (88%)



- Red (93%)
- Yellow (89%)
- Blue (88%)



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



- Cyan (7%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the RYB color 238, 226, 225 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 238, 226, 225 by changing the saturation by 10% instead.

 238, 226, 225

255, 255, 255

 238, 226, 225


 210, 198, 197

 182, 171, 170


 155, 144, 143

 129, 119, 118

 104, 94, 93

 80, 70, 70

 57, 48, 47

 35, 27, 27


 14, 0, 0

 238, 226, 225

 238, 226, 225


 238, 204, 201

 238, 243, 249

 238, 182, 177

 238, 247, 255

 238, 160, 154

 238, 139, 130

 238, 116, 106

 238, 94, 82

 238, 72, 58

 238, 50, 35

 238, 28, 11

Harmonies

Analogous

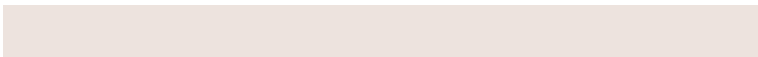
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237, 226, 229



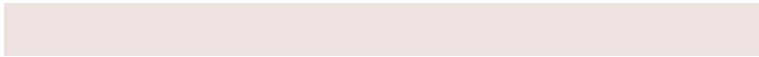
238, 226, 225



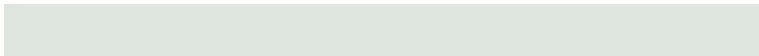
237, 230, 222

Triad

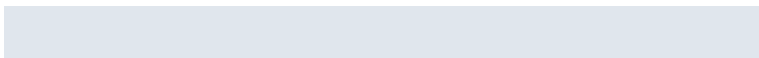
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238, 226, 225



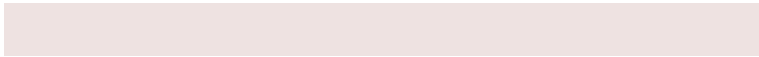
223, 229, 230



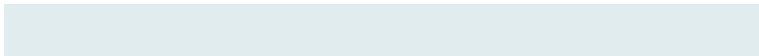
224, 228, 237

Complementary

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



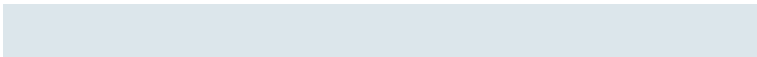
238, 226, 225



225, 231, 238

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.



220, 226, 235



238, 226, 225



220, 226, 231

Square

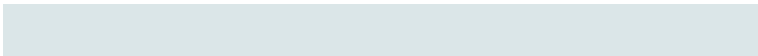
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



238, 226, 225



221, 229, 222



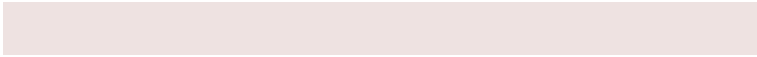
219, 225, 232



229, 228, 236

Rectangle

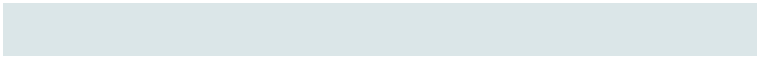
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



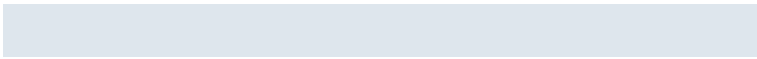
238, 226, 225



231, 234, 220



219, 225, 232



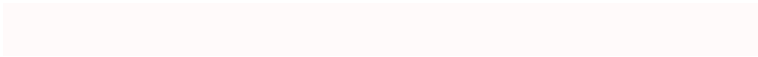
222, 227, 237

Sweetspot

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



238, 226, 225



255, 250, 250



238, 225, 237



128, 125, 125



0, 0, 0



128, 128, 128

Same Dimension

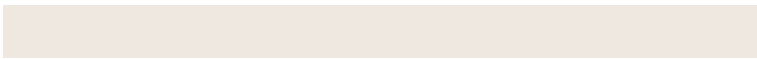
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238, 226, 225



255, 238, 237



236, 238, 225



120, 111, 110



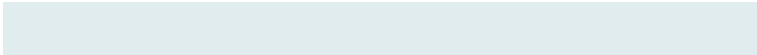
184, 14, 0



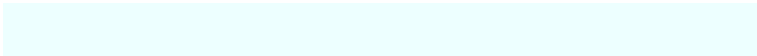
56, 4, 0

Inverse Universe

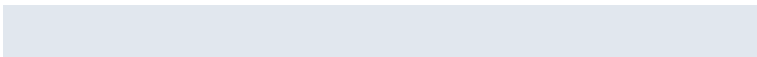
The Inverse Universe completely reimagines the original color for something new.



225, 231, 238



237, 246, 255



225, 229, 238



110, 115, 120



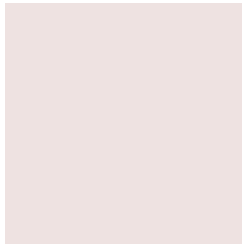
0, 88, 184



0, 27, 56

Previews

White Background



This preview shows how the RYB color 238, 226, 225 looks on a white background.

Color Contrast Check

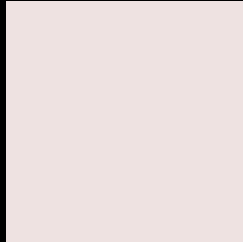
Large Text (above 18pt) WCAG AA × Fail

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 238, 226, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

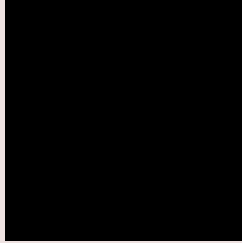
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

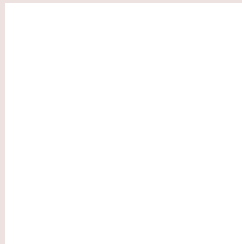
Any Text WCAG AAA ✓ Pass

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

RYB 238, 226, 225 Background



This preview shows how black text looks on a background with the RYB color 238, 226, 225.

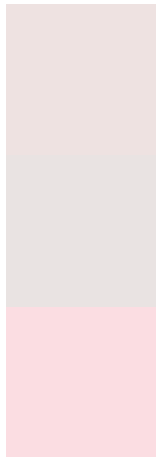


This preview shows how white text looks on a background with the RYB color 238, 226, 225.

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
238, 226, 225

Protanopia
233, 227, 226

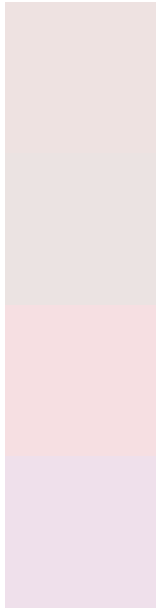
Deuteranopia
251, 221, 226



Tritanopia

240, 223, 241

Trichromacy



Original Color

238, 226, 225

Protanomaly

235, 227, 226

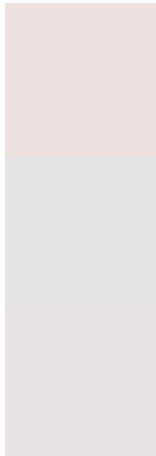
Deuteranomaly

246, 223, 226

Tritanomaly

239, 224, 235

Monochromacy



Original Color

238, 226, 225

Achromatopsia

229, 229, 229

Achromatomaly

232, 228, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 238, 226, 225 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(238, 226, 225) looks like.

```
.text, #text, p{  
    color:rgb(238, 226, 225)  
}
```

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(238, 226, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 226, 225) }
```

Border

The CSS property to change the border of an element to RYB 238, 226, 225 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(238, 226, 225) }
```

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

```
.border{ border-color:rgb(238, 226, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 226, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 226, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 226, 225);  
box-shadow:4px 4px 4px 4px rgb(238, 226,  
225) }
```

Background

The CSS property to change the background color of an element to RYB 238, 226, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 226, 225) }
```

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

```
.background{ background-color: rgb(238,  
226, 225) }
```

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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