

Converting Colors

`RYB(242, 233, 250)`

Have a look what the booklet for RYB(242, 233, 250) contains.

RYB(242, 233, 250)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(242, 233, 250)

Conversions

Conversions Part 1

Format	Color
Hex	F2E9FA
RGB	242, 233, 250
RGB Percent	95%, 91%, 98%
CMY	0.0510, 0.0863, 0.0196
CMYK	0.03, 0.07, 0.00, 0.02
HSL	272°, 63%, 95%
HSV	272°, 7%, 98%
XYZ	83.0122, 84.0572, 102.2919
YIQ	237.6290, -0.0930, 7.1950

Conversions

Conversions Part 2

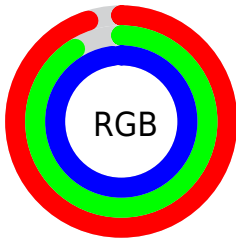
Format	Color
R _Y B	242, 233, 250
Decimal	15919610
CIE Lab	93.48, 6.06, -7.13
CIE LCh	93, 9.358, 310.369
Yxy	84.0572, 0.3082, 0.3121
Android (android.graphics.Color)	4294109690 (0xFF2E9FA)
YUV	237.6290, 6.0989, 3.8334
Hunter-Lab	91.6827, 1.1743, -1.9729

Details

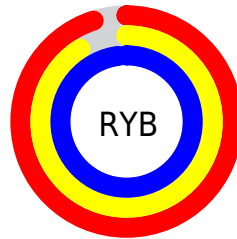
The RYB color **242, 233, 250** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **233, 250, 242**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is **255, 255, 255**, and **186, 177, 194** is the 20% darker color. If you saturate the color by 10%, you get **230, 208, 250**, and if you desaturate by 10%, it is **250, 255, 251**.

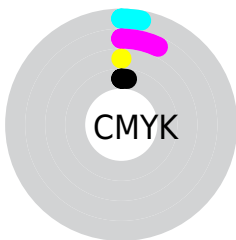
Distribution



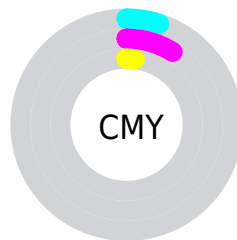
- Red (95%)
- Green (91%)
- Blue (98%)



- Red (95%)
- Yellow (91%)
- Blue (98%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (5%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 233, 250 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, 233, 250 by changing the saturation by 10% instead.

 242, 233, 250

255, 255, 255

 242, 233, 250

 214, 205, 221

 186, 177, 194

 159, 151, 166

 133, 125, 140

 108, 100, 115

 83, 76, 90

 60, 53, 67

 38, 32, 44


 18, 9, 24

 242, 233, 250

 242, 233, 250


 230, 208, 250

 250, 255, 251


 218, 183, 250

 250, 255, 250


 207, 158, 250

 195, 133, 250

 183, 108, 250

 171, 83, 250

 160, 58, 250

 148, 33, 250

 136, 8, 250

Harmonies

Analogous

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



231, 235, 254



242, 233, 250



251, 231, 243

Triad

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



242, 233, 250



250, 246, 220



215, 229, 242

Complementary

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



242, 233, 250



233, 250, 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.



221, 235, 241



242, 233, 250



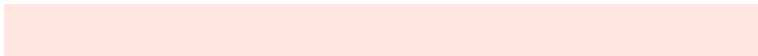
224, 241, 219

Square

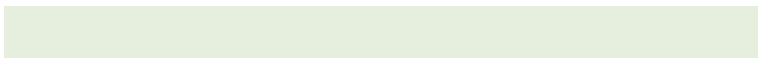
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242, 233, 250



255, 233, 225



222, 239, 231



215, 230, 248

Rectangle

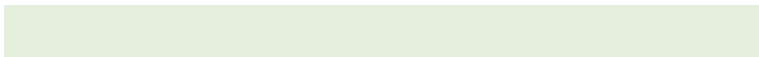
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242, 233, 250



255, 230, 236



222, 239, 231



216, 231, 242

Sweetspot

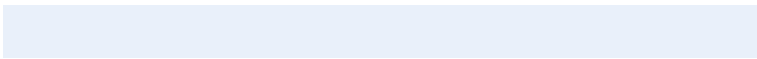
The Sweet Spot groups the original color and five complimentary colors.



242, 233, 250



253, 250, 255



233, 238, 250



126, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



242, 233, 250



245, 235, 255



250, 233, 250



119, 112, 125



100, 0, 189



32, 0, 61

Inverse Universe

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



250, 233, 241



255, 235, 244



233, 250, 250



125, 112, 118



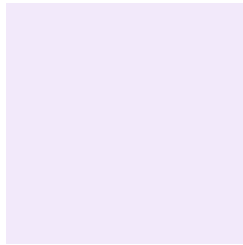
189, 0, 89



61, 0, 29

Previews

White Background



This preview shows how the RYB color 242, 233, 250 looks on a white background.

Color Contrast Check

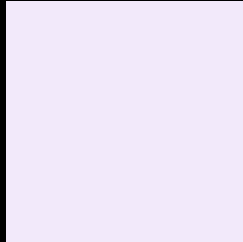
Large Text (above 18pt) WCAG AA × Fail

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, 233, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

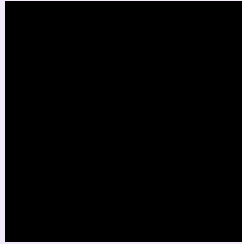
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

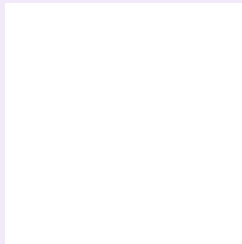
Any Text WCAG AAA ✓ Pass

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

RYP 242, 233, 250 Background



This preview shows how black text looks on a background with the RYB color 242, 233, 250.



This preview shows how white text looks on a background with the RYB color 242, 233, 250.

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, 233, 250

Protanopia
236, 235, 251

Deuteranopia
253, 229, 251



Tritanopia

242, 233, 251

Trichromacy



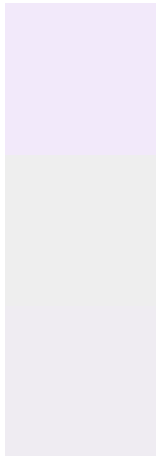
Original Color
242, 233, 250

Protanomaly
238, 234, 251

Deuteranomaly
249, 230, 251

Tritanomaly
242, 233, 251

Monochromacy



Original Color
242, 233, 250

Achromatopsia
238, 238, 238

Achromatomaly
239, 236, 242

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 233, 250 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, 233, 250) looks like.

```
.text, #text, p{  
    color:rgb(242, 233, 250)  
}
```

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, 233, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 233, 250) }
```

Border

The CSS property to change the border of an element to RYB 242, 233, 250 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, 233, 250) }
```

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

```
.border{ border-color:rgb(242, 233, 250) }
```

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

Here you see how a box with a 4 pixel rgb(242, 233, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 233, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 233, 250);  
box-shadow:4px 4px 4px 4px rgb(242, 233,  
250) }
```

Background

The CSS property to change the background color of an element to RYB 242, 233, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 233, 250) }
```

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

```
.background{ background-color: rgb(242,  
233, 250) }
```

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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