

Converting Colors

`RYB(230, 225, 242)`

Have a look what the booklet for RYB(230, 225, 242) contains.

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Color

R_YB(230, 225, 242)

Conversions

Conversions Part 1

Format	Color
Hex	E6E1F2
RGB	230, 225, 242
RGB Percent	90%, 88%, 95%
CMY	0.0980, 0.1176, 0.0510
CMYK	0.05, 0.07, 0.00, 0.05
HSL	258°, 40%, 92%
HSV	258°, 7%, 95%
XYZ	75.5854, 77.0842, 94.8994
YIQ	228.4330, -2.4770, 6.3470

Conversions

Conversions Part 2

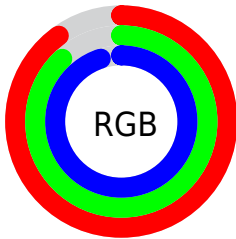
Format	Color
R _{YB}	230, 225, 242
Decimal	15131122
CIE Lab	90.36, 4.79, -7.66
CIE LCh	90, 9.035, 301.992
Yxy	77.0842, 0.3053, 0.3114
Android (android.graphics.Color)	4293321202 (0xFFE6E1F2)
YUV	228.4330, 6.6885, 1.3743
Hunter-Lab	87.7976, 0.0256, -2.6275

Details

The RYB color **230, 225, 242** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **225, 242, 230**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **255, 255, 255**, and **174, 170, 186** is the 20% darker color. If you saturate the color by 10%, you get **213, 201, 242**, and if you desaturate by 10%, it is **242, 249, 244**.

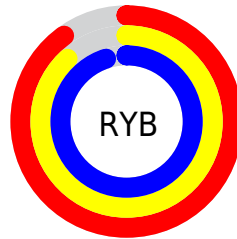
Distribution



Red (90%)

Green (88%)

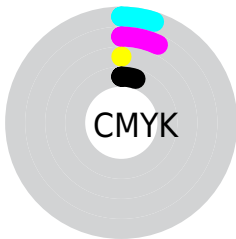
Blue (95%)



Red (90%)

Yellow (88%)

Blue (95%)

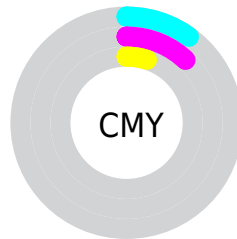


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (5%)



Cyan (10%)

Magenta (12%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 225, 242 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 230, 225, 242 by changing the saturation by 10% instead.

■ 230, 225, 242

255, 255, 255

■ 230, 225, 242

■ 202, 197, 214

■ 174, 170, 186

■ 148, 143, 159

■ 122, 118, 133

■ 97, 93, 108

■ 73, 70, 83

■ 51, 47, 60

■ 30, 26, 39

■ 5, 0, 18

 230, 225, 242

 230, 225, 242


 213, 201, 242

 242, 249, 244

 196, 177, 242

 242, 255, 242


 179, 152, 242


 162, 128, 242

 145, 104, 242

 128, 80, 242

 110, 56, 242

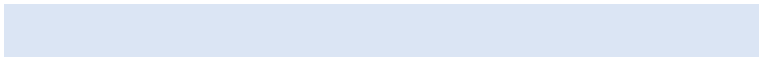
 93, 31, 242

 76, 7, 242

Harmonies

Analogous

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



219, 226, 244



230, 225, 242



239, 223, 236

Triad

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



230, 225, 242



242, 232, 212



208, 222, 233

Complementary

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



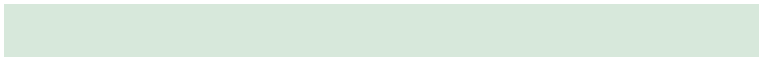
230, 225, 242



225, 242, 230

Split Complementary

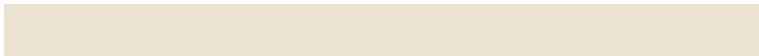
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



215, 229, 232



230, 225, 242



220, 234, 210

Square

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



230, 225, 242



246, 222, 219



213, 230, 219



206, 220, 236

Rectangle

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



230, 225, 242



244, 222, 230



213, 230, 219



210, 224, 233

Sweetspot

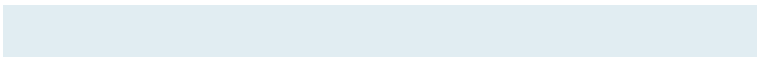
The Sweet Spot groups the original color and five complimentary colors.



230, 225, 242



251, 250, 255



225, 232, 242



126, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



230, 225, 242



241, 235, 255



238, 225, 242



111, 108, 120



54, 0, 184



17, 0, 56

Inverse Universe

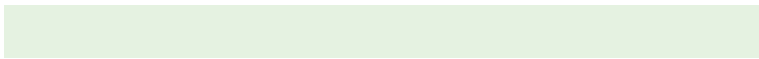
The Inverse Universe completely reimagines the original color for something new.



242, 225, 237



255, 235, 249



225, 242, 238



120, 108, 116



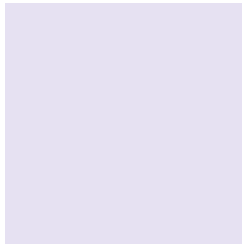
184, 0, 130



56, 0, 40

Previews

White Background



This preview shows how the RYB color 230, 225, 242 looks on a white background.

Color Contrast Check

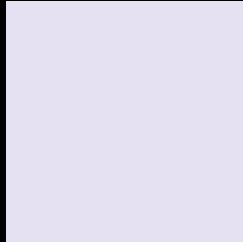
Large Text (above 18pt) WCAG AA × Fail

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 230, 225, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

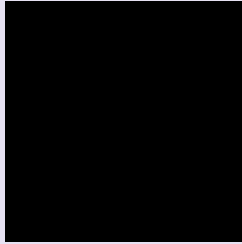
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

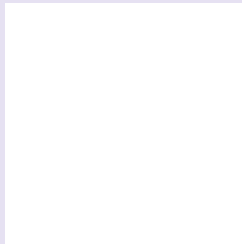
Any Text WCAG AAA ✓ Pass

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

RYB 230, 225, 242 Background



This preview shows how black text looks on a background with the RYB color 230, 225, 242.

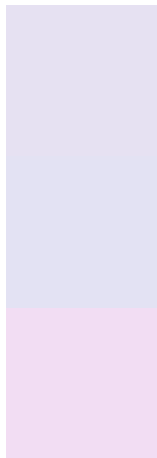


This preview shows how white text looks on a background with the RYB color 230, 225, 242.

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
230, 225, 242

Protanopia
227, 226, 243

Deuteranopia
242, 221, 243



Tritanopia
230, 225, 243

Trichromacy



Original Color

230, 225, 242

Protanomaly

228, 226, 243

Deuteranomaly

238, 222, 243

Tritanomaly

230, 225, 243

Monochromacy



Original Color

230, 225, 242

Achromatopsia

228, 228, 228

Achromatomaly

229, 227, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 225, 242 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(230, 225, 242) looks like.

```
.text, #text, p{  
    color:rgb(230, 225, 242)  
}
```

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(230, 225, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 225, 242) }
```

Border

The CSS property to change the border of an element to RYB 230, 225, 242 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(230, 225, 242) }
```

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

```
.border{ border-color:rgb(230, 225, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 225, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 225, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 225, 242); box-shadow:4px 4px 4px 4px rgb(230, 225, 242) }
```

Background

The CSS property to change the background color of an element to RYB 230, 225, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 225, 242) }
```

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

```
.background{ background-color: rgb(230,  
225, 242) }
```

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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