

Converting Colors

`RYB(234, 222, 242)`

Have a look what the booklet for
RYB(234, 222, 242) contains.

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Color

R_YB(234, 222, 242)

Conversions

Conversions Part 1

Format	Color
Hex	EADEF2
RGB	234, 222, 242
RGB Percent	92%, 87%, 95%
CMY	0.0824, 0.1294, 0.0510
CMYK	0.03, 0.08, 0.00, 0.05
HSL	276°, 43%, 91%
HSV	276°, 8%, 95%
XYZ	76.0800, 76.1458, 94.6922
YIQ	227.8680, 0.7320, 8.7640

Conversions

Conversions Part 2

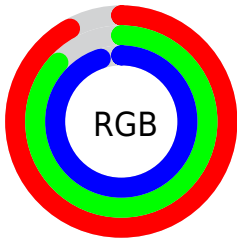
Format	Color
R_{YB}	234, 222, 242
Decimal	15392498
CIE _{Lab}	89.93, 7.66, -8.27
CIE _{LCh}	90, 11.275, 312.815
Yxy	76.1458, 0.3081, 0.3084
Android (android.graphics.Color)	4293582578 (0xFFEADEF2)
YUV	227.8680, 6.9671, 5.3778
Hunter-Lab	87.2616, 2.9195, -3.2557

Details

The RYB color **234, 222, 242** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **222, 242, 234**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **255, 255, 255**, and **178, 167, 186** is the 20% darker color. If you saturate the color by 10%, you get **224, 198, 242**, and if you desaturate by 10%, it is **242, 246, 244**.

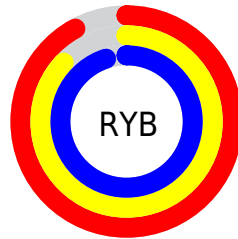
Distribution



Red (92%)

Green (87%)

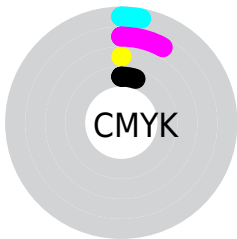
Blue (95%)



Red (92%)

Yellow (87%)

Blue (95%)

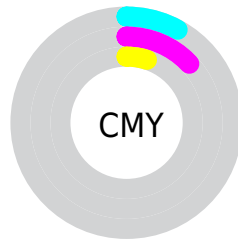


Cyan (3%)

Magenta (8%)

Yellow (0%)

Black (5%)



Cyan (8%)

Magenta (13%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 222, 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 234, 222, 242 by changing the saturation by 10% instead.

■ 234, 222, 242

255, 255, 255

■ 234, 222, 242

■ 206, 194, 214

■ 178, 167, 186

■ 152, 141, 159

■ 126, 115, 133

■ 101, 90, 108

■ 77, 67, 83


■ 54, 45, 60

■ 32, 24, 38

■ 10, 0, 18

 234, 222, 242

 234, 222, 242

 224, 198, 242

 242, 246, 244

 215, 174, 242

 242, 255, 244

 205, 149, 242


 242, 255, 242

 195, 125, 242

 186, 101, 242

 176, 77, 242

 166, 53, 242

 157, 28, 242

 147, 4, 242

Harmonies

Analogous

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



221, 224, 247



234, 222, 242



244, 220, 233

Triad

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



234, 222, 242



241, 239, 206



200, 217, 233

Complementary

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



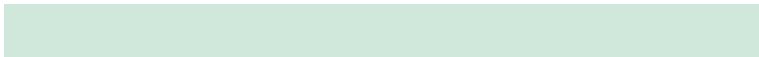
234, 222, 242



222, 242, 234

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.



207, 224, 232



234, 222, 242



208, 230, 205

Square

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



234, 222, 242



248, 222, 212



210, 230, 222



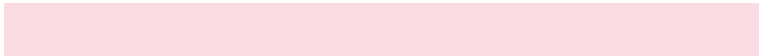
201, 218, 240

Rectangle

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



234, 222, 242



249, 219, 225



210, 230, 222



202, 219, 233

Sweetspot

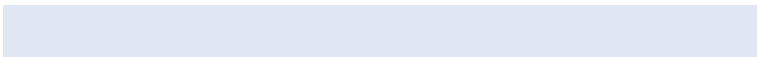
The Sweet Spot groups the original color and five complimentary colors.



234, 222, 242



253, 250, 255



222, 228, 242



126, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



234, 222, 242



245, 230, 255



242, 222, 240



115, 108, 120



110, 0, 184



34, 0, 56

Inverse Universe

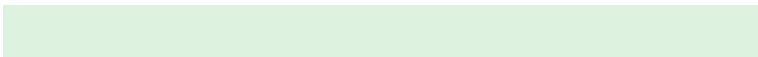
The Inverse Universe completely reimagines the original color for something new.



242, 222, 230



255, 230, 240



222, 240, 242



120, 108, 113



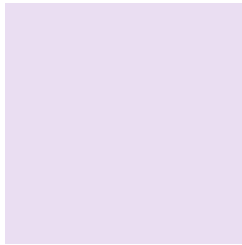
184, 0, 73



56, 0, 22

Previews

White Background



This preview shows how the RYB color 234, 222, 242 looks on a white background.

Color Contrast Check

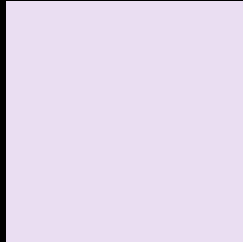
Large Text (above 18pt) WCAG AA × Fail

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 234, 222, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

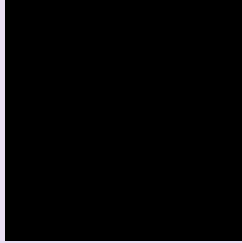
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

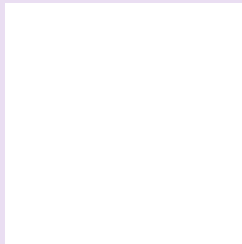
Any Text WCAG AAA ✓ Pass

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

RYB 234, 222, 242 Background



This preview shows how black text looks on a background with the RYB color 234, 222, 242.



This preview shows how white text looks on a background with the RYB color 234, 222, 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
234, 222, 242

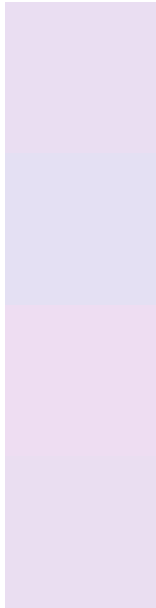
Protanopia
225, 225, 244

Deuteranopia
241, 220, 242



Tritanopia
234, 222, 240

Trichromacy



Original Color

234, 222, 242

Protanomaly

228, 224, 243

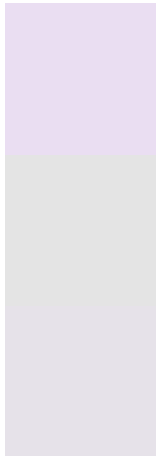
Deuteranomaly

238, 221, 242

Tritanomaly

234, 222, 241

Monochromacy



Original Color

234, 222, 242

Achromatopsia

228, 228, 228

Achromatomaly

230, 226, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 222, 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(234, 222, 242) looks like.

```
.text, #text, p{  
    color:rgb(234, 222, 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(234, 222, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 222, 242) }
```

Border

The CSS property to change the border of an element to RYB 234, 222, 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(234, 222, 242) }
```

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

```
.border{ border-color:rgb(234, 222, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 222, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 222, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 222, 242);  
box-shadow:4px 4px 4px 4px rgb(234, 222,  
242) }
```

Background

The CSS property to change the background color of an element to RYB 234, 222, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 222, 242) }
```

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

```
.background{ background-color: rgb(234,  
222, 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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