

Converting Colors

`RYB(226, 209, 242)`

Have a look what the booklet for RYB(226, 209, 242) contains.

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Color

R_YB(226, 209, 242)

Conversions

Conversions Part 1

Format	Color
Hex	E2D1F2
RGB	226, 209, 242
RGB Percent	89%, 82%, 95%
CMY	0.1137, 0.1804, 0.0510
CMYK	0.07, 0.14, 0.00, 0.05
HSL	271°, 56%, 88%
HSV	271°, 14%, 95%
XYZ	70.1915, 68.1805, 93.4651
YIQ	217.8450, -0.4610, 13.8670

Conversions

Conversions Part 2

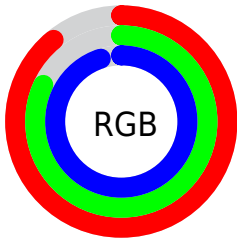
Format	Color
R _Y B	226, 209, 242
Decimal	14864882
CIE Lab	86.10, 11.87, -14.05
CIE LCh	86, 18.393, 310.206
Yxy	68.1805, 0.3028, 0.2941
Android (android.graphics.Color)	4293054962 (0xFFE2D1F2)
YUV	217.8450, 11.9084, 7.1519
Hunter-Lab	82.5715, 7.2374, -9.3120

Details

The RYB color **226, 209, 242** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **209, 242, 226**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **255, 255, 255**, and **171, 155, 186** is the 20% darker color. If you saturate the color by 10%, you get **214, 185, 242**, and if you desaturate by 10%, it is **238, 233, 242**.

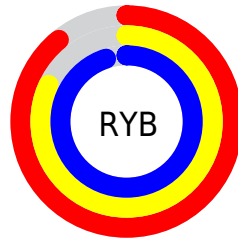
Distribution



Red (89%)

Green (82%)

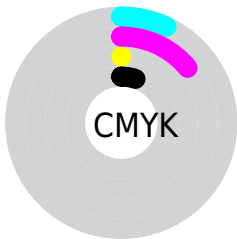
Blue (95%)



Red (89%)

Yellow (82%)

Blue (95%)

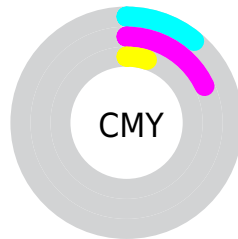


Cyan (7%)

Magenta (14%)

Yellow (0%)

Black (5%)



Cyan (11%)

Magenta (18%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 226, 209, 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 226, 209, 242 by changing the saturation by 10% instead.

■ 226, 209, 242

255, 255, 255

■ 226, 209, 242

■ 198, 181, 214

■ 171, 155, 186

■ 144, 129, 159

■ 118, 103, 133

■ 93, 79, 107

■ 70, 56, 83

■ 47, 35, 60

■ 26, 14, 38

■ 0, 1, 17

 226, 209, 242


 226, 209, 242

 214, 185, 242

 238, 233, 242

 203, 161, 242


 242, 255, 248

 191, 136, 242

 242, 255, 242

 179, 112, 242

 167, 88, 242

 156, 64, 242

 144, 40, 242

 132, 15, 242

 125, 0, 242

Harmonies

Analogous

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



204, 213, 249



226, 209, 242



243, 205, 228

Triad

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



226, 209, 242



240, 234, 183



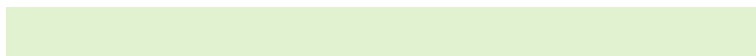
172, 200, 226

Complementary

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



226, 209, 242



209, 242, 226

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.



184, 212, 225



226, 209, 242



189, 223, 181

Square

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



226, 209, 242



250, 209, 194



188, 221, 206



171, 200, 237

Rectangle

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



226, 209, 242



250, 203, 216



188, 221, 206



175, 204, 226

Sweetspot

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



226, 209, 242



250, 245, 255



209, 220, 242



124, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



226, 209, 242



235, 214, 255



242, 209, 242



114, 108, 120



95, 0, 184



29, 0, 56

Inverse Universe

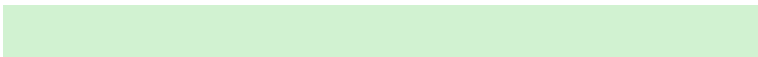
The Inverse Universe completely reimagines the original color for something new.



242, 209, 225



255, 214, 234



209, 242, 242



120, 108, 114



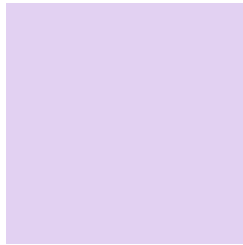
184, 0, 89



56, 0, 27

Previews

White Background



This preview shows how the RYB color 226, 209, 242 looks on a white background.

Color Contrast Check

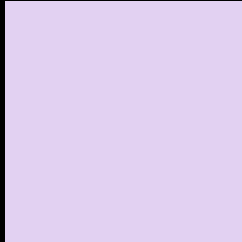
Large Text (above 18pt) WCAG AA × Fail

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 226, 209, 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](#).

RYP 226, 209, 242 Background



This preview shows how black text looks on a background with the RYP color 226, 209, 242.



This preview shows how white text looks on a background with the RYP color 226, 209, 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
226, 209, 242

Protanopia
210, 214, 245

Deuteranopia
224, 210, 242



Tritanopia
224, 211, 228

Trichromacy



Original Color

226, 209, 242

Protanomaly

216, 212, 244

Deuteranomaly

225, 210, 242

Tritanomaly

225, 210, 233

Monochromacy



Original Color

226, 209, 242

Achromatopsia

218, 218, 218

Achromatomaly

221, 215, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 226, 209, 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(226, 209, 242) looks like.

```
.text, #text, p{  
    color:rgb(226, 209, 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(226, 209, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 209, 242) }
```

Border

The CSS property to change the border of an element to RYB 226, 209, 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(226, 209, 242) }
```

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

```
.border{ border-color:rgb(226, 209, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 209, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 209, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 209, 242);  
box-shadow:4px 4px 4px 4px rgb(226, 209,  
242) }
```

Background

The CSS property to change the background color of an element to RYB 226, 209, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 209, 242) }
```

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

```
.background{ background-color: rgb(226,  
209, 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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