

Converting Colors

`RYB(225, 212, 242)`

Have a look what the booklet for
RYB(225, 212, 242) contains.

RYB(225, 212, 242)	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(225, 212, 242)

Conversions

Conversions Part 1

Format	Color
Hex	E1D4F2
RGB	225, 212, 242
RGB Percent	88%, 83%, 95%
CMY	0.1176, 0.1686, 0.0510
CMYK	0.07, 0.12, 0.00, 0.05
HSL	266°, 54%, 89%
HSV	266°, 12%, 95%
XYZ	70.6218, 69.5053, 93.6981
YIQ	219.3070, -1.8820, 12.0860

Conversions

Conversions Part 2

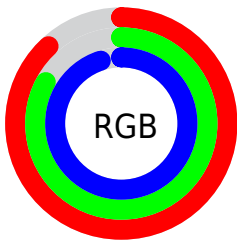
Format	Color
R _Y B	225, 212, 242
Decimal	14800114
CIE Lab	86.75, 9.96, -13.07
CIE LCh	87, 16.436, 307.313
Yxy	69.5053, 0.3020, 0.2973
Android (android.graphics.Color)	4292990194 (0xFFE1D4F2)
YUV	219.3070, 11.1876, 4.9928
Hunter-Lab	83.3699, 5.3085, -8.2762

Details

The RYB color **225, 212, 242** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **212, 242, 225**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **255, 255, 255**, and **170, 157, 186** is the 20% darker color. If you saturate the color by 10%, you get **211, 188, 242**, and if you desaturate by 10%, it is **239, 236, 242**.

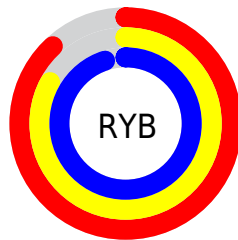
Distribution



Red (88%)

Green (83%)

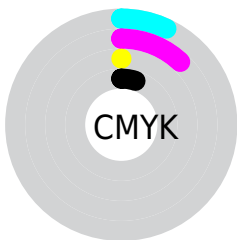
Blue (95%)



Red (88%)

Yellow (83%)

Blue (95%)

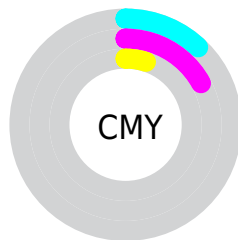


Cyan (7%)

Magenta (12%)

Yellow (0%)

Black (5%)



Cyan (12%)

Magenta (17%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 212, 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 225, 212, 242 by changing the saturation by 10% instead.

■ 225, 212, 242

255, 255, 255

■ 225, 212, 242

■ 197, 184, 214

■ 170, 157, 186

■ 143, 131, 159

■ 117, 106, 133

■ 93, 82, 107

■ 69, 59, 83


■ 46, 37, 60

■ 25, 17, 38

■ 0, 1, 17

 225, 212, 242


 225, 212, 242

 211, 188, 242


 239, 236, 242

 198, 164, 242


 242, 255, 245

 184, 139, 242


 242, 255, 242


 170, 115, 242

 156, 91, 242

 143, 67, 242

 129, 43, 242

 115, 18, 242

 105, 0, 242

Harmonies

Analogous

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



205, 214, 248



225, 212, 242



241, 208, 230

Triad

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



225, 212, 242



241, 230, 189



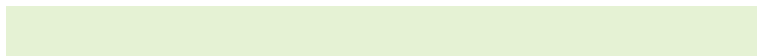
180, 205, 227

Complementary

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



225, 212, 242



212, 242, 225

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.



191, 215, 225



225, 212, 242



198, 226, 186

Square

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



225, 212, 242



249, 210, 199



192, 222, 206



178, 204, 235

Rectangle

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



225, 212, 242



248, 207, 219



192, 222, 206



182, 207, 226

Sweetspot

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



225, 212, 242



249, 245, 255



212, 223, 242



124, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



225, 212, 242



233, 217, 255



239, 212, 242



113, 108, 120



80, 0, 184



24, 0, 56

Inverse Universe

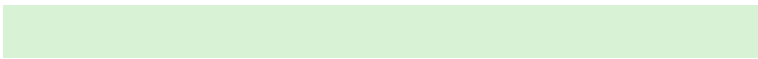
The Inverse Universe completely reimagines the original color for something new.



242, 212, 229



255, 217, 238



212, 242, 239



120, 108, 115



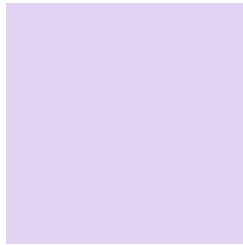
184, 0, 104



56, 0, 32

Previews

White Background



This preview shows how the RYB color 225, 212, 242 looks on a white background.

Color Contrast Check

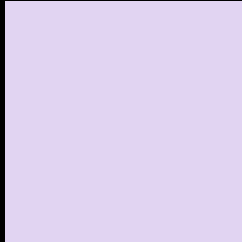
Large Text (above 18pt) WCAG AA × Fail

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 225, 212, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

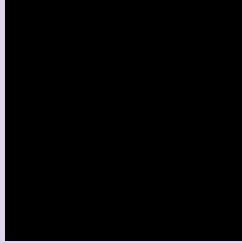
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

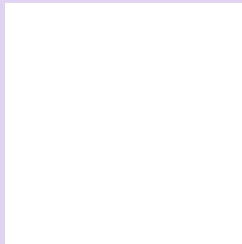
Any Text WCAG AAA ✓ Pass

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

RYB 225, 212, 242 Background



This preview shows how black text looks on a background with the RYB color 225, 212, 242.



This preview shows how white text looks on a background with the RYB color 225, 212, 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
225, 212, 242

Protanopia
213, 216, 244

Deuteranopia
227, 211, 242



Tritanopia
223, 214, 231

Trichromacy



Original Color

225, 212, 242

Protanomaly

217, 215, 243

Deuteranomaly

226, 211, 242

Tritanomaly

224, 213, 235

Monochromacy



Original Color

225, 212, 242

Achromatopsia

219, 219, 219

Achromatomaly

221, 216, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 212, 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(225, 212, 242) looks like.

```
.text, #text, p{  
    color:rgb(225, 212, 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(225, 212, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 212, 242) }
```

Border

The CSS property to change the border of an element to RYB 225, 212, 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(225, 212, 242) }
```

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

```
.border{ border-color:rgb(225, 212, 242) }
```

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

Here you see how a box with a 4 pixel rgb(225, 212, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 212, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 212, 242);  
box-shadow:4px 4px 4px 4px rgb(225, 212,  
242) }
```

Background

The CSS property to change the background color of an element to RYB 225, 212, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 212, 242) }
```

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

```
.background{ background-color: rgb(225,  
212, 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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