

Converting Colors

`RYB(226, 214, 244)`

Have a look what the booklet for
RYB(226, 214, 244) contains.

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Color

R_YB(226, 214, 244)

Conversions

Conversions Part 1

Format	Color
Hex	E2D6F4
RGB	226, 214, 244
RGB Percent	89%, 84%, 96%
CMY	0.1137, 0.1608, 0.0431
CMYK	0.07, 0.12, 0.00, 0.04
HSL	264°, 58%, 90%
HSV	264°, 12%, 96%
XYZ	71.7397, 70.7935, 95.4714
YIQ	221.0080, -2.4780, 11.8740

Conversions

Conversions Part 2

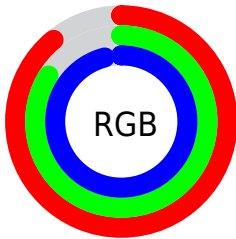
Format	Color
R _Y B	226, 214, 244
Decimal	14866164
CIE Lab	87.38, 9.62, -13.18
CIE LCh	87, 16.315, 306.133
Yxy	70.7935, 0.3014, 0.2974
Android (android.graphics.Color)	4293056244 (0xFFE2D6F4)
YUV	221.0080, 11.3351, 4.3780
Hunter-Lab	84.1389, 4.9522, -8.3784

Details

The RYB color **226, 214, 244** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **214, 244, 226**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is 255, 255, 255, and **171, 159, 188** is the 20% darker color. If you saturate the color by 10%, you get **211, 190, 244**, and if you desaturate by 10%, it is **241, 238, 244**.

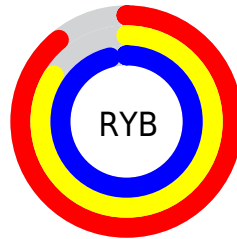
Distribution



Red (89%)

Green (84%)

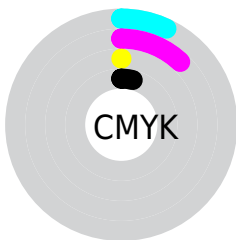
Blue (96%)



Red (89%)

Yellow (84%)

Blue (96%)

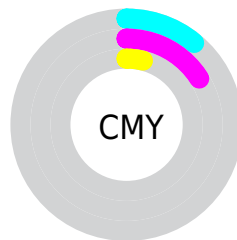


Cyan (7%)

Magenta (12%)

Yellow (0%)

Black (4%)



Cyan (11%)

Magenta (16%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 226, 214, 244 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, 214, 244 by changing the saturation by 10% instead.

■ 226, 214, 244

255, 255, 255

■ 226, 214, 244

■ 198, 186, 216

■ 171, 159, 188

■ 144, 133, 161

■ 118, 108, 135

■ 93, 84, 109

■ 70, 61, 85

■ 47, 39, 62

■ 26, 19, 40

■ 0, 1, 19

■ 226, 214, 244

■ 226, 214, 244

■ 211, 190, 244

■ 241, 238, 244

■ 197, 165, 244

■ 244, 255, 244

■ 182, 141, 244

■ 167, 116, 244

■ 153, 92, 244

■ 138, 68, 244

■ 124, 43, 244

■ 109, 19, 244

■ 98, 0, 244

Harmonies

Analogous

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



206, 216, 249



226, 214, 244



242, 210, 232

Triad

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



226, 214, 244



243, 232, 191



182, 207, 228

Complementary

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



226, 214, 244



214, 244, 226

Split Complementary

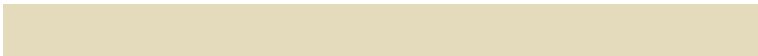
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



194, 218, 227



226, 214, 244



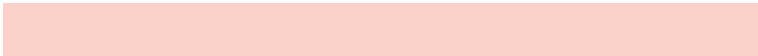
200, 228, 188

Square

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



226, 214, 244



251, 212, 201



194, 224, 207



180, 206, 237

Rectangle

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



226, 214, 244



249, 209, 222



194, 224, 207



185, 210, 228

Sweetspot

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



226, 214, 244



249, 245, 255



214, 225, 244



124, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



226, 214, 244



232, 217, 255



241, 214, 244



115, 110, 122



74, 0, 186



23, 0, 59

Inverse Universe

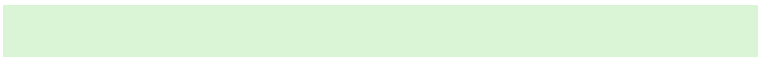
The Inverse Universe completely reimagines the original color for something new.



244, 214, 232



255, 217, 240



214, 244, 240



122, 110, 118



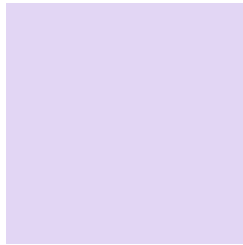
186, 0, 112



59, 0, 35

Previews

White Background



This preview shows how the RYB color 226, 214, 244 looks on a white background.

Color Contrast Check

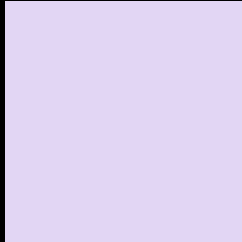
Large Text (above 18pt) WCAG AA × Fail

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, 214, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

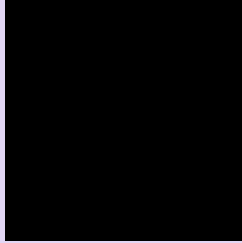
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

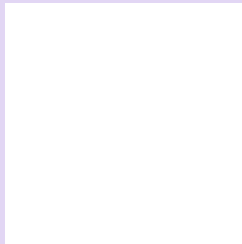
Any Text WCAG AAA ✓ Pass

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

RYB 226, 214, 244 Background



This preview shows how black text looks on a background with the RYB color 226, 214, 244.

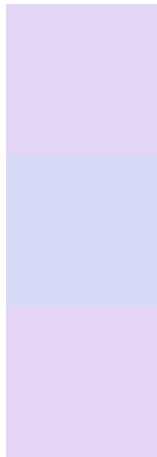


This preview shows how white text looks on a background with the RYB color 226, 214, 244.

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](#).

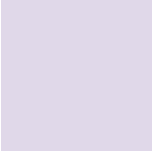
Dichromacy



Original Color
226, 214, 244

Protanopia
215, 217, 246

Deuteranopia
229, 213, 244



Tritanopia
224, 216, 233

Trichromacy



Original Color

226, 214, 244

Protanomaly

219, 216, 245

Deuteranomaly

228, 213, 244

Tritanomaly

225, 215, 237

Monochromacy



Original Color

226, 214, 244

Achromatopsia

221, 221, 221

Achromatomaly

223, 218, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 226, 214, 244 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, 214, 244)` looks like.

```
.text, #text, p{  
    color:rgb(226, 214, 244)  
}
```

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, 214, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 214, 244) }
```

Border

The CSS property to change the border of an element to RYB 226, 214, 244 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, 214, 244) }
```

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

```
.border{ border-color:rgb(226, 214, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 214, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 214, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 214, 244); box-shadow:4px 4px 4px 4px rgb(226, 214, 244) }
```

Background

The CSS property to change the background color of an element to RYB 226, 214, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 214, 244) }
```

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

```
.background{ background-color: rgb(226,  
214, 244) }
```

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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