

Converting Colors

`RYB(238, 220, 249)`

Have a look what the booklet for
RYB(238, 220, 249) contains.

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Color

R_YB(238, 220, 249)

Conversions

Conversions Part 1

Format	Color
Hex	EEDCF9
RGB	238, 220, 249
RGB Percent	93%, 86%, 98%
CMY	0.0667, 0.1373, 0.0235
CMYK	0.04, 0.12, 0.00, 0.02
HSL	277°, 71%, 92%
HSV	277°, 12%, 98%
XYZ	77.9520, 76.2031, 100.2227
YIQ	228.6880, 1.4190, 12.8350

Conversions

Conversions Part 2

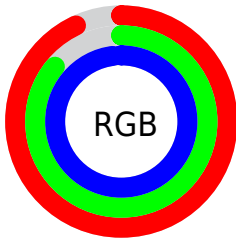
Format	Color
R _{YB}	238, 220, 249
Decimal	15654137
CIE _{Lab}	89.95, 11.33, -11.87
CIE _{LCh}	90, 16.408, 313.651
Yxy	76.2031, 0.3064, 0.2996
Android (android.graphics.Color)	4293844217 (0xFFEEDCF9)
YUV	228.6880, 10.0138, 8.1666
Hunter-Lab	87.2944, 6.6314, -6.9648

Details

The RYB color **238, 220, 249** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **220, 249, 238**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 255**, and **182, 165, 193** is the 20% darker color. If you saturate the color by 10%, you get **229, 195, 249**, and if you desaturate by 10%, it is **247, 245, 249**.

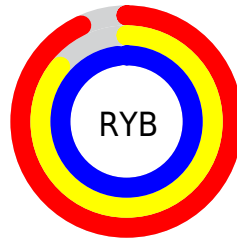
Distribution



Red (93%)

Green (86%)

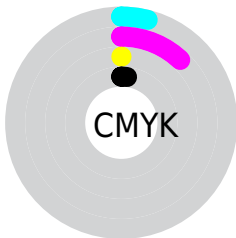
Blue (98%)



Red (93%)

Yellow (86%)

Blue (98%)

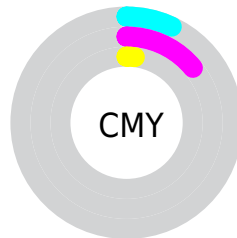


Cyan (4%)

Magenta (12%)

Yellow (0%)

Black (2%)



Cyan (7%)

Magenta (14%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 238, 220, 249 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 238, 220, 249 by changing the saturation by 10% instead.

 238, 220, 249

255, 255, 255

 238, 220, 249

 210, 192, 220

 182, 165, 193


 155, 139, 165

 129, 113, 139

 104, 89, 114

 80, 65, 89


 56, 43, 66

 35, 22, 43

 15, 0, 24

 238, 220, 249


 238, 220, 249


 229, 195, 249


 247, 245, 249


 219, 170, 249

 249, 255, 249

 210, 145, 249

 200, 120, 249

 191, 96, 249

 181, 71, 249

 172, 46, 249

 162, 21, 249

 155, 0, 249

Harmonies

Analogous

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



218, 224, 255



238, 220, 249



253, 216, 235

Triad

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



238, 220, 249



247, 247, 197



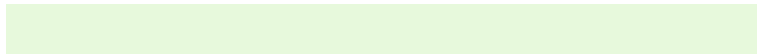
187, 212, 236

Complementary

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



238, 220, 249



220, 249, 238

Split Complementary

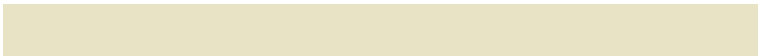
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



197, 222, 235



238, 220, 249



201, 231, 196

Square

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



238, 220, 249



255, 223, 205



203, 232, 222



188, 214, 247

Rectangle

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



238, 220, 249



255, 216, 225



203, 232, 222



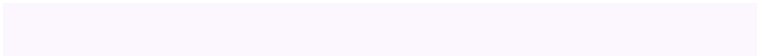
189, 215, 236

Sweetspot

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



238, 220, 249



252, 247, 255



220, 228, 249



126, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



238, 220, 249



241, 219, 255



249, 220, 246



120, 112, 125



117, 0, 189



38, 0, 61

Inverse Universe

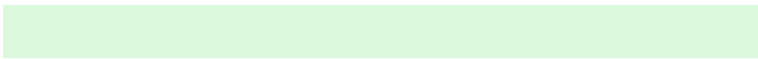
The Inverse Universe completely reimagines the original color for something new.



249, 220, 231



255, 219, 233



220, 246, 249



125, 112, 117



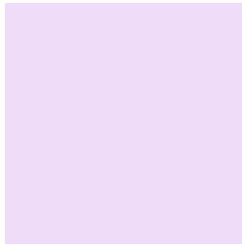
189, 0, 72



61, 0, 23

Previews

White Background



This preview shows how the RYB color 238, 220, 249 looks on a white background.

Color Contrast Check

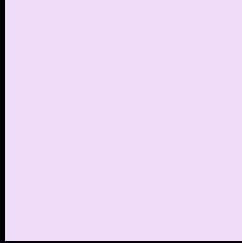
Large Text (above 18pt) WCAG AA × Fail

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 238, 220, 249 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

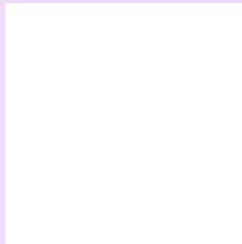
Any Text WCAG AAA ✓ Pass

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

RYB 238, 220, 249 Background



This preview shows how black text looks on a background with the RYB color 238, 220, 249.

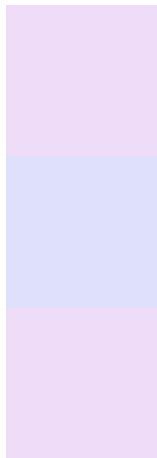


This preview shows how white text looks on a background with the RYB color 238, 220, 249.

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
238, 220, 249

Protanopia
223, 225, 252

Deuteranopia
238, 220, 249



Tritanopia

236, 222, 239

Trichromacy



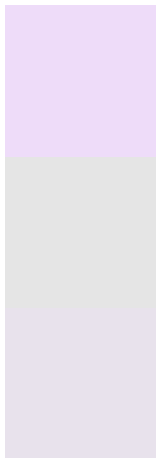
Original Color
238, 220, 249

Protanomaly
228, 223, 251

Deuteranomaly
238, 220, 249

Tritanomaly
237, 221, 243

Monochromacy



Original Color
238, 220, 249

Achromatopsia
229, 229, 229

Achromatomaly
232, 226, 236

CSS Examples

Text

The CSS property to change the color of the text to RYB 238, 220, 249 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(238, 220, 249) looks like.

```
.text, #text, p{  
    color:rgb(238, 220, 249)  
}
```

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(238, 220, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 220, 249) }
```

Border

The CSS property to change the border of an element to RYB 238, 220, 249 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(238, 220, 249) }
```

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

```
.border{ border-color:rgb(238, 220, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 220, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 220, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 220, 249); box-shadow:4px 4px 4px 4px rgb(238, 220, 249) }
```

Background

The CSS property to change the background color of an element to RYB 238, 220, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 220, 249) }
```

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

```
.background{ background-color: rgb(238,  
220, 249) }
```

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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