

Converting Colors

`RYB(236, 230, 248)`

Have a look what the booklet for RYB(236, 230, 248) contains.

RYB(236, 230, 248)	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(236, 230, 248)

Conversions

Conversions Part 1

Format	Color
Hex	ECE6F8
RGB	236, 230, 248
RGB Percent	93%, 90%, 97%
CMY	0.0745, 0.0980, 0.0275
CMYK	0.05, 0.07, 0.00, 0.03
HSL	260°, 56%, 94%
HSV	260°, 7%, 97%
XYZ	79.8322, 81.2038, 100.2732
YIQ	233.8460, -2.2020, 6.8700

Conversions

Conversions Part 2

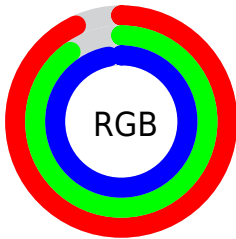
Format	Color
R _Y B	236, 230, 248
Decimal	15525624
CIE Lab	92.22, 5.28, -7.99
CIE LCh	92, 9.579, 303.446
Yxy	81.2038, 0.3055, 0.3108
Android (android.graphics.Color)	4293715704 (0xFFECE6F8)
YUV	233.8460, 6.9779, 1.8891
Hunter-Lab	90.1132, 0.4369, -2.8956

Details

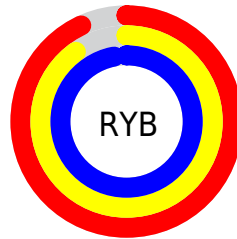
The RYB color **236, 230, 248** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **230, 248, 236**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **255, 255, 255**, and **180, 175, 192** is the 20% darker color. If you saturate the color by 10%, you get **219, 205, 248**, and if you desaturate by 10%, it is **248, 255, 250**.

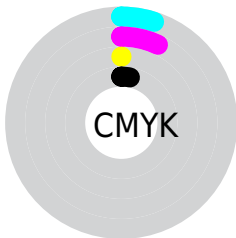
Distribution



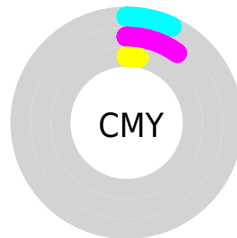
- Red (93%)
- Green (90%)
- Blue (97%)



- Red (93%)
- Yellow (90%)
- Blue (97%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)



- Cyan (7%)
- Magenta (10%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 236, 230, 248 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 236, 230, 248 by changing the saturation by 10% instead.

■ 236, 230, 248

255, 255, 255

■ 236, 230, 248

■ 208, 202, 219

■ 180, 175, 192

■ 153, 148, 165

■ 127, 122, 138

■ 102, 97, 113

■ 78, 74, 88

■ 55, 51, 65

■ 34, 30, 43

■ 13, 5, 23

236, 230, 248

236, 230, 248

219, 205, 248

248, 255, 250

203, 180, 248

248, 255, 248

186, 156, 248

170, 131, 248

153, 106, 248

137, 81, 248

120, 56, 248

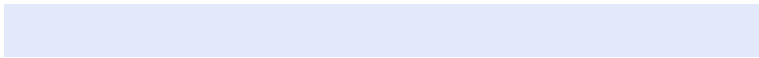
104, 32, 248

87, 7, 248

Harmonies

Analogous

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



225, 231, 251



236, 230, 248



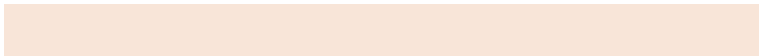
246, 228, 241

Triad

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



236, 230, 248



248, 238, 216



212, 226, 238

Complementary

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



236, 230, 248



230, 248, 236

Split Complementary

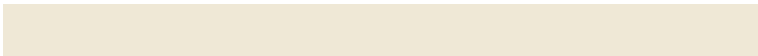
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



219, 233, 237



236, 230, 248



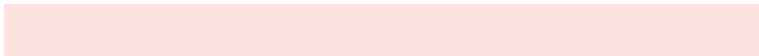
224, 239, 214

Square

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



236, 230, 248



253, 228, 223



217, 235, 223



210, 225, 242

Rectangle

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



236, 230, 248



251, 227, 235



217, 235, 223



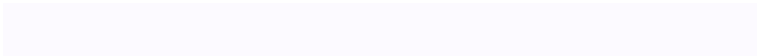
214, 228, 238

Sweetspot

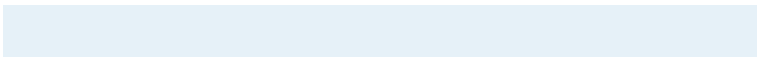
The Sweet Spot groups the original color and five complimentary colors.



236, 230, 248



252, 250, 255



230, 237, 248



126, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



236, 230, 248



240, 232, 255



245, 230, 248



117, 112, 125



63, 0, 189



20, 0, 61

Inverse Universe

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



248, 230, 242



255, 232, 247



230, 248, 245



125, 112, 121



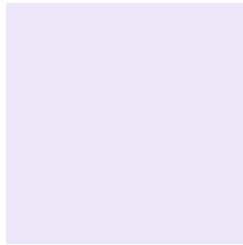
189, 0, 126



61, 0, 41

Previews

White Background



This preview shows how the RYB color 236, 230, 248 looks on a white background.

Color Contrast Check

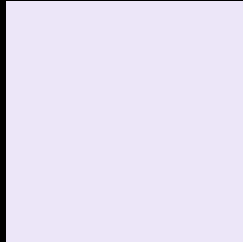
Large Text (above 18pt) WCAG AA × Fail

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 236, 230, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

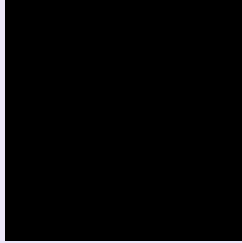
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

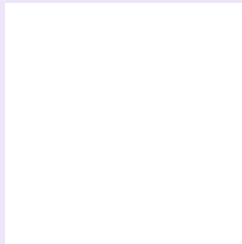
Any Text WCAG AAA ✓ Pass

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

RYP 236, 230, 248 Background



This preview shows how black text looks on a background with the RYB color 236, 230, 248.



This preview shows how white text looks on a background with the RYB color 236, 230, 248.

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
236, 230, 248

Protanopia
232, 231, 249

Deuteranopia
248, 226, 249



Tritanopia

236, 230, 248

Trichromacy



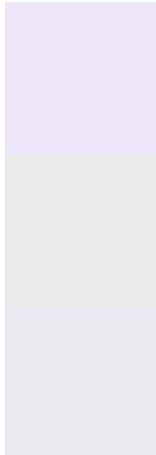
Original Color
236, 230, 248

Protanomaly
233, 231, 249

Deuteranomaly
244, 227, 249

Tritanomaly
236, 230, 248

Monochromacy



Original Color
236, 230, 248

Achromatopsia
234, 234, 234

Achromatomaly
235, 233, 239

CSS Examples

Text

The CSS property to change the color of the text to RYB 236, 230, 248 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(236, 230, 248) looks like.

```
.text, #text, p{  
    color:rgb(236, 230, 248)  
}
```

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(236, 230, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 230, 248) }
```

Border

The CSS property to change the border of an element to RYB 236, 230, 248 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(236, 230, 248) }
```

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

```
.border{ border-color:rgb(236, 230, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 230, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 230, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 230, 248);  
box-shadow:4px 4px 4px 4px rgb(236, 230,  
248) }
```

Background

The CSS property to change the background color of an element to RGB 236, 230, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 230, 248) }
```

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

```
.background{ background-color: rgb(236,  
230, 248) }
```

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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