

Converting Colors

`RYB(246, 230, 247)`

Have a look what the booklet for RYB(246, 230, 247) contains.

RYB(246, 230, 247)	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(246, 230, 247)

Conversions

Conversions Part 1

Format	Color
Hex	F6E6F7
RGB	246, 230, 247
RGB Percent	96%, 90%, 97%
CMY	0.0353, 0.0980, 0.0314
CMYK	0.00, 0.07, 0.00, 0.03
HSL	296°, 52%, 94%
HSV	296°, 7%, 97%
XYZ	83.0914, 82.9019, 99.6180
YIQ	236.7220, 4.0790, 8.6790

Conversions

Conversions Part 2

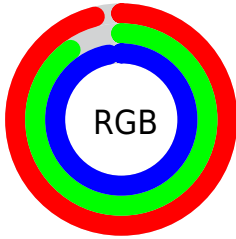
Format	Color
R_{YB}	246, 230, 247
Decimal	16180983
CIE _{Lab}	92.97, 8.38, -6.28
CIE _{LCh}	93, 10.474, 323.184
Yxy	82.9019, 0.3128, 0.3121
Android (android.graphics.Color)	4294371063 (0xFFFF6E6F7)
YUV	236.7220, 5.0671, 8.1368
Hunter-Lab	91.0505, 3.5583, -1.1336

Details

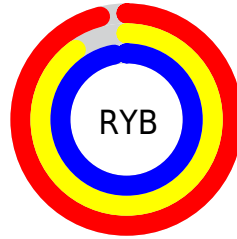
The RYB color **246, 230, 247** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **230, 247, 246**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is 255, 255, 255, and **190, 175, 191** is the 20% darker color. If you saturate the color by 10%, you get **245, 205, 247**, and if you desaturate by 10%, it is 247, 255, 255.

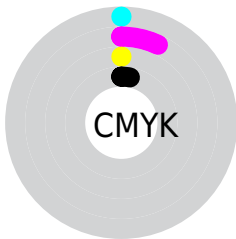
Distribution



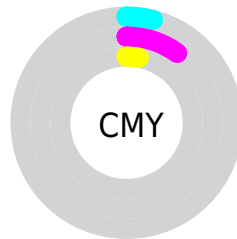
- Red (96%)
- Green (90%)
- Blue (97%)



- Red (96%)
- Yellow (90%)
- Blue (97%)



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



- Cyan (4%)
- Magenta (10%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 246, 230, 247 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 246, 230, 247 by changing the saturation by 10% instead.

 246, 230, 247

 246, 230, 247


255, 255, 255

 218, 202, 219

 190, 175, 191


 163, 148, 164


 136, 122, 137

 111, 97, 112

 86, 73, 88

 63, 51, 64

 41, 30, 42


 21, 5, 22

 246, 230, 247

 246, 230, 247

 245, 205, 247


 247, 255, 255

 243, 181, 247

 247, 255, 253

 242, 156, 247

 247, 255, 252

 240, 131, 247


 247, 255, 250


 239, 107, 247

 247, 255, 249

 237, 82, 247

 247, 255, 247

 236, 57, 247

 234, 32, 247

 233, 8, 247

Harmonies

Analogous

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



234, 233, 253



246, 230, 247



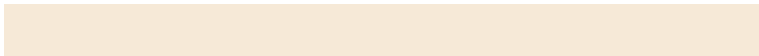
254, 228, 237

Triad

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



246, 230, 247



237, 246, 215



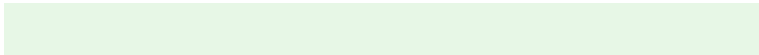
210, 226, 242

Complementary

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



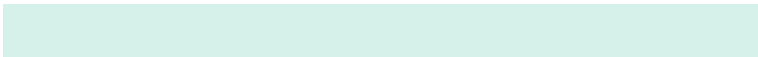
246, 230, 247



230, 247, 246

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.



214, 230, 241



246, 230, 247



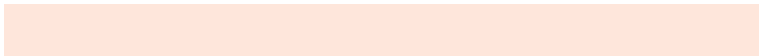
216, 237, 218

Square

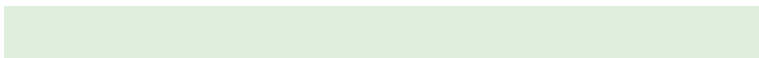
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



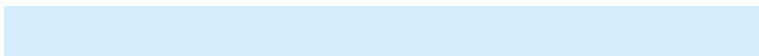
246, 230, 247



254, 235, 219



222, 239, 238



213, 228, 251

Rectangle

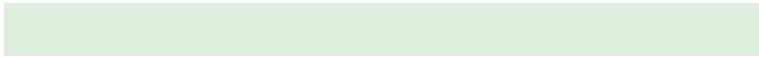
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



246, 230, 247



255, 228, 231



222, 239, 238



211, 227, 241

Sweetspot

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



246, 230, 247



255, 250, 255



230, 231, 247



127, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



246, 230, 247



254, 235, 255



247, 230, 240



122, 110, 122



175, 0, 186



55, 0, 59

Inverse Universe

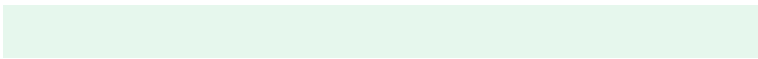
The Inverse Universe completely reimagines the original color for something new.



247, 230, 231



255, 235, 236



230, 242, 247



122, 110, 111



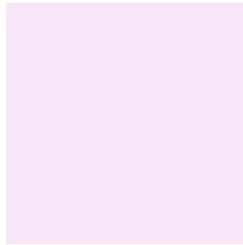
186, 0, 11



59, 0, 3

Previews

White Background



This preview shows how the RYB color 246, 230, 247 looks on a white background.

Color Contrast Check

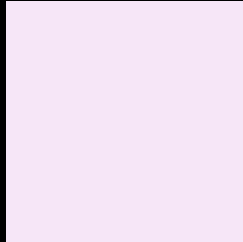
Large Text (above 18pt) WCAG AA × Fail

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 246, 230, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

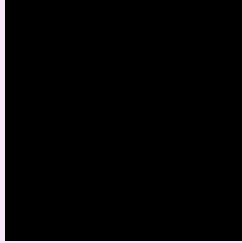
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

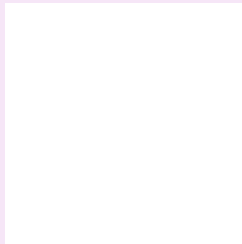
Any Text WCAG AAA ✓ Pass

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

RYB 246, 230, 247 Background



This preview shows how black text looks on a background with the RYB color 246, 230, 247.



This preview shows how white text looks on a background with the RYB color 246, 230, 247.

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
[246](#), [230](#), [247](#)

Protanopia
[235](#), [233](#), [249](#)

Deuteranopia
[252](#), [228](#), [247](#)



Tritanopia

246, 230, 248

Trichromacy



Original Color

246, 230, 247

Protanomaly

239, 232, 248

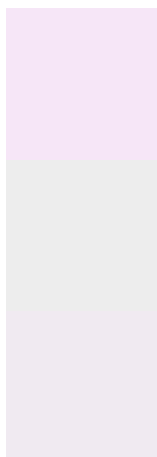
Deuteranomaly

250, 229, 247

Tritanomaly

246, 230, 248

Monochromacy



Original Color

246, 230, 247

Achromatopsia

237, 237, 237

Achromatomaly

240, 234, 241

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 230, 247 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(246, 230, 247) looks like.

```
.text, #text, p{  
    color:rgb(246, 230, 247)  
}
```

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(246, 230, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 230, 247) }
```

Border

The CSS property to change the border of an element to RYB 246, 230, 247 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(246, 230, 247) }
```

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

```
.border{ border-color:rgb(246, 230, 247) }
```

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

Here you see how a box with a 4 pixel rgb(246, 230, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 230, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 230, 247);  
box-shadow:4px 4px 4px 4px rgb(246, 230,  
247) }
```

Background

The CSS property to change the background color of an element to RYB 246, 230, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 230, 247) }
```

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

```
.background{ background-color: rgb(246,  
230, 247) }
```

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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