

Converting Colors

`RYB(230, 226, 255)`

Have a look what the booklet for
RYB(230, 226, 255) contains.

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Color

R_YB(230, 226, 255)

Conversions

Conversions Part 1

Format	Color
Hex	E6E2FF
RGB	230, 226, 255
RGB Percent	90%, 89%, 100%
CMY	0.0980, 0.1137, 0.0000
CMYK	0.10, 0.11, 0.00, 0.00
HSL	248°, 100%, 94%
HSV	248°, 11%, 100%
XYZ	77.8795, 78.4357, 105.6427
YIQ	230.5020, -6.9250, 9.8670

Conversions

Conversions Part 2

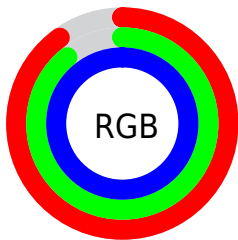
Format	Color
R_{YB}	230, 226, 255
Decimal	15131391
CIE _{Lab}	90.98, 6.76, -13.55
CIE _{LCh}	91, 15.145, 296.524
Yxy	78.4357, 0.2973, 0.2994
Android (android.graphics.Color)	4293321471 (0xFFE6E2FF)
YUV	230.5020, 12.0775, -0.4403
Hunter-Lab	88.5639, 1.9787, -8.7288

Details

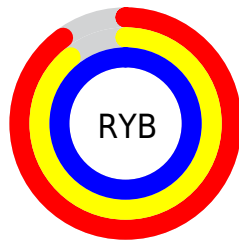
The RYB color `230, 226, 255` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `226, 255, 230`, and the grayscale version is `230, 230, 230`.

A 20% lighter version of the original color is `255, 255, 255`, and `174, 171, 198` is the 20% darker color. If you saturate the color by 10%, you get `208, 201, 255`, and if you desaturate by 10%, it is `252, 251, 255`.

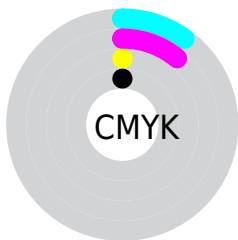
Distribution



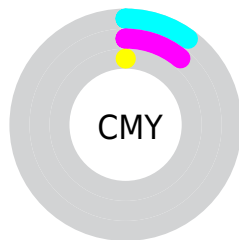
- Red (90%)
- Green (89%)
- Blue (100%)



- Red (90%)
- Yellow (89%)
- Blue (100%)



- Cyan (10%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 226, 255 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 230, 226, 255 by changing the saturation by 10% instead.

■ 230, 226, 255

255, 255, 255

■ 230, 226, 255

■ 202, 198, 226

■ 174, 171, 198

■ 148, 144, 171

■ 122, 119, 144

■ 97, 94, 119

■ 73, 70, 94

■ 50, 48, 70

■ 28, 27, 48


■ 6, 0, 27

 230, 226, 255


 230, 226, 255


 208, 201, 255


 252, 251, 255

 186, 175, 255

255, 255, 255

 164, 149, 255

 142, 124, 255

 120, 98, 255

 98, 73, 255

 76, 48, 255

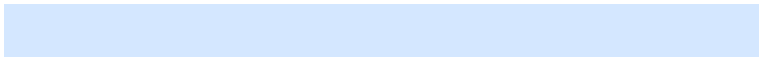
 54, 22, 255

 35, 0, 255

Harmonies

Analogous

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



212, 225, 255



230, 226, 255



247, 222, 245

Triad

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



230, 226, 255



255, 233, 205



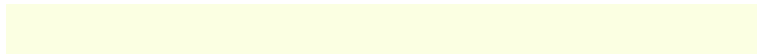
197, 221, 238

Complementary

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



230, 226, 255



226, 255, 230

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.



210, 233, 236



230, 226, 255



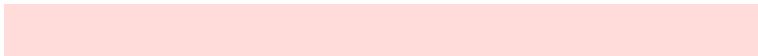
223, 243, 200

Square

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



230, 226, 255



255, 220, 217



203, 232, 208



192, 215, 241

Rectangle

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



230, 226, 255



255, 220, 236



203, 232, 208



201, 224, 237

Sweetspot

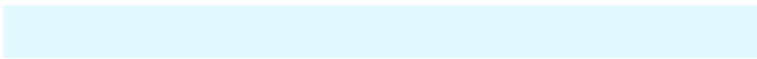
The Sweet Spot groups the original color and five complimentary colors.



230, 226, 255



248, 247, 255



226, 239, 255



123, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



230, 226, 255



224, 219, 255



244, 226, 255



117, 115, 128



26, 0, 191



9, 0, 64

Inverse Universe

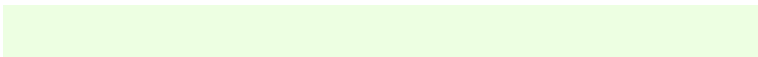
The Inverse Universe completely reimagines the original color for something new.



255, 226, 251



255, 219, 250



226, 255, 244



128, 115, 126



191, 0, 165



64, 0, 55

Previews

White Background



This preview shows how the RYB color 230, 226, 255 looks on a white background.

Color Contrast Check

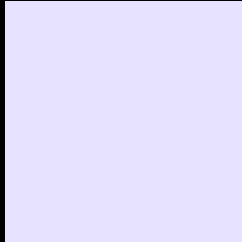
Large Text (above 18pt) WCAG AA × Fail

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 230, 226, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

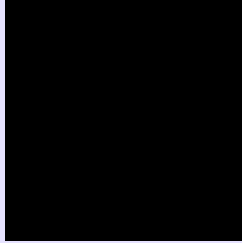
Any Text WCAG AA ✓ Pass

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 230, 226, 255 Background



This preview shows how black text looks on a background with the RYB color 230, 226, 255.



This preview shows how white text looks on a background with the RYB color 230, 226, 255.

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

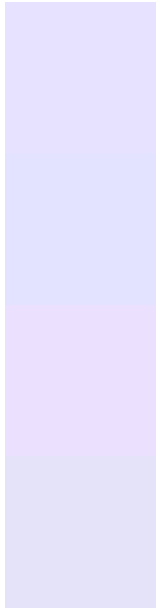
	Original Color 230, 226, 255
	Protanopia 225, 227, 255
	Deuteranopia 239, 223, 255



Tritanopia

228, 228, 246

Trichromacy



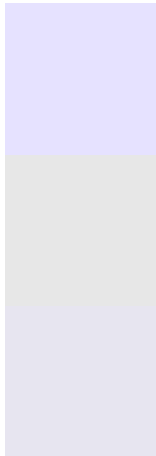
Original Color
230, 226, 255

Protanomaly
227, 227, 255

Deuteranomaly
236, 224, 255

Tritanomaly
229, 227, 249

Monochromacy



Original Color
230, 226, 255

Achromatopsia
231, 231, 231

Achromatomaly
231, 229, 240

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 226, 255 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(230, 226, 255) looks like.

```
.text, #text, p{  
    color:rgb(230, 226, 255)  
}
```

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(230, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 226, 255) }
```

Border

The CSS property to change the border of an element to RYB 230, 226, 255 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(230, 226, 255) }
```

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

```
.border{ border-color:rgb(230, 226, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(230, 226,  
255) }
```

Background

The CSS property to change the background color of an element to RYB 230, 226, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 226, 255) }
```

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

```
.background{ background-color: rgb(230,  
226, 255) }
```

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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