

Converting Colors

`RYB(255, 230, 253)`

Have a look what the booklet for
RYB(255, 230, 253) contains.

RYB(255, 230, 253)	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(255, 230, 253)

Conversions

Conversions Part 1

Format	Color
Hex	FFE6FD
RGB	255, 230, 253
RGB Percent	100%, 90%, 99%
CMY	0.0000, 0.0980, 0.0078
CMYK	0.00, 0.10, 0.01, 0.00
HSL	305°, 100%, 95%
HSV	305°, 10%, 100%
XYZ	87.2664, 84.9455, 104.7252
YIQ	240.0970, 7.5170, 12.4530

Conversions

Conversions Part 2

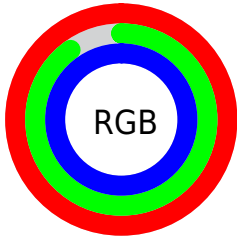
Format	Color
R _Y B	255, 230, 253
Decimal	16770813
CIE Lab	93.86, 12.43, -8.01
CIE LCh	94, 14.789, 327.216
Yxy	84.9455, 0.3151, 0.3067
Android (android.graphics.Color)	4294960893 (0xFFFFE6FD)
YUV	240.0970, 6.3612, 13.0699
Hunter-Lab	92.1659, 7.7209, -2.8533

Details

The RYB color **255, 230, 253** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **230, 253, 255**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 174, 196** is the 20% darker color. If you saturate the color by 10%, you get **255, 205, 251**, and if you desaturate by 10%, it is 255, 255, 255.

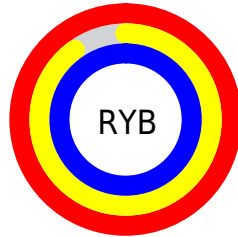
Distribution



Red (100%)

Green (90%)

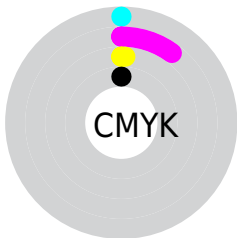
Blue (99%)



Red (100%)

Yellow (90%)

Blue (99%)

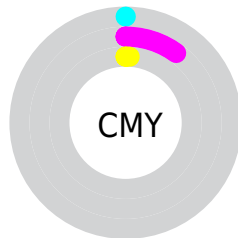


Cyan (0%)

Magenta (10%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 230, 253 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 255, 230, 253 by changing the saturation by 10% instead.


 255, 230, 253

 255, 230, 253

255, 255, 255

 226, 202, 224

 198, 174, 196

 171, 148, 169

 144, 122, 143

 119, 97, 117

 94, 73, 92

 70, 51, 69

 47, 29, 47

 28, 5, 26

 255, 230, 253

 255, 230, 253

 255, 205, 251


255, 255, 255


 255, 179, 249


 255, 154, 247

 255, 128, 245

 255, 103, 243

 255, 77, 241

 255, 52, 239

 255, 26, 237

 255, 1, 235

Harmonies

Analogous

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



239, 234, 255



255, 230, 253



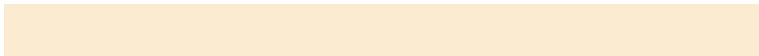
255, 228, 239

Triad

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



255, 230, 253



232, 251, 209



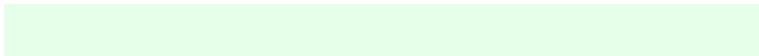
201, 224, 250

Complementary

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



255, 230, 253



230, 253, 255

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.



206, 229, 246



255, 230, 253



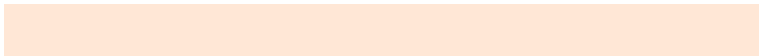
212, 240, 217

Square

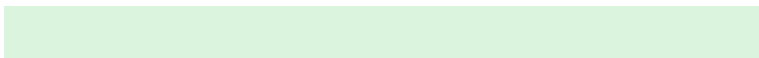
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 230, 253



255, 243, 214



219, 241, 244



207, 228, 255

Rectangle

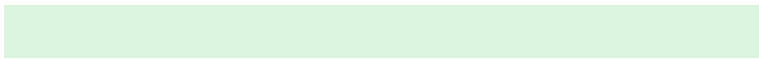
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 230, 253



255, 228, 229



219, 241, 244



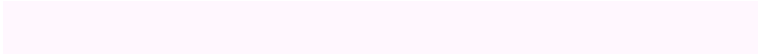
202, 224, 246

Sweetspot

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



255, 230, 253



255, 247, 254



232, 230, 255



128, 122, 127



0, 0, 0



128, 128, 128

Same Dimension

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



255, 230, 253



255, 224, 253



255, 230, 241



128, 115, 126



191, 0, 176



64, 0, 59

Inverse Universe

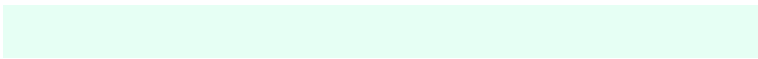
The Inverse Universe completely reimagines the original color for something new.



255, 230, 253



255, 224, 253



230, 246, 255



128, 115, 126



191, 0, 176



64, 0, 59

Previews

White Background



This preview shows how the RYB color 255, 230, 253 looks on a white background.

Color Contrast Check

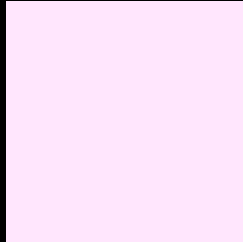
Large Text (above 18pt) WCAG AA × Fail

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 255, 230, 253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

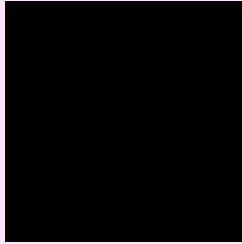
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

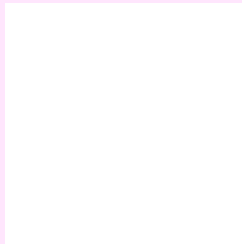
Any Text WCAG AAA ✓ Pass

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

RYB 255, 230, 253 Background



This preview shows how black text looks on a background with the RYB color 255, 230, 253.

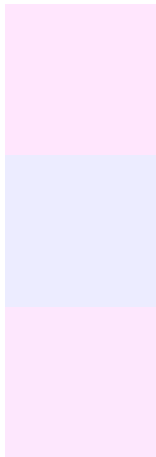


This preview shows how white text looks on a background with the RYB color 255, 230, 253.

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
255, 230, 253

Protanopia
236, 236, 255

Deuteranopia
253, 231, 253



Tritanopia

254, 231, 249

Trichromacy



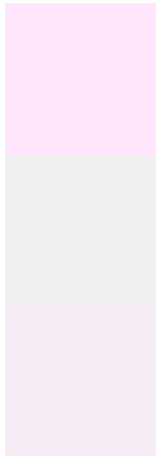
Original Color
255, 230, 253

Protanomaly
243, 234, 254

Deuteranomaly
254, 231, 253

Tritanomaly
254, 231, 250

Monochromacy



Original Color
255, 230, 253

Achromatopsia
240, 240, 240

Achromatomaly
245, 236, 245

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 230, 253 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(255, 230, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 253)  
}
```

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(255, 230, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 253) }
```

Border

The CSS property to change the border of an element to RYB 255, 230, 253 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(255, 230, 253) }
```

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

```
.border{ border-color:rgb(255, 230, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
253) }
```

Background

The CSS property to change the background color of an element to RYB 255, 230, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 253) }
```

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

```
.background{ background-color: rgb(255,  
230, 253) }
```

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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