

Converting Colors

`RYB(253, 230, 254)`

Have a look what the booklet for
RYB(253, 230, 254) contains.

RYB(253, 230, 254)	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

`RYB(253, 230, 254)`

Conversions

Conversions Part 1

Format	Color
Hex	FDE6FE
RGB	253, 230, 254
RGB Percent	99%, 90%, 100%
CMY	0.0078, 0.0980, 0.0039
CMYK	0.00, 0.09, 0.00, 0.00
HSL	298°, 92%, 95%
HSV	298°, 9%, 100%
XYZ	86.6942, 84.6320, 105.5323
YIQ	239.6130, 6.0040, 12.3400

Conversions

Conversions Part 2

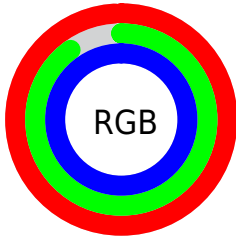
Format	Color
R _Y B	253, 230, 254
Decimal	16639742
CIE Lab	93.72, 11.95, -8.75
CIE LCh	94, 14.811, 323.802
Yxy	84.6320, 0.3131, 0.3057
Android (android.graphics.Color)	4294829822 (0xFFFDE6FE)
YUV	239.6130, 7.0928, 11.7404
Hunter-Lab	91.9957, 7.2211, -3.6172

Details

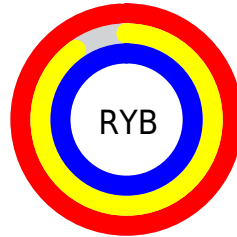
The RYB color **253, 230, 254** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **230, 254, 253**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is **255, 255, 255**, and **196, 174, 197** is the 20% darker color. If you saturate the color by 10%, you get **252, 205, 254**, and if you desaturate by 10%, it is **254, 255, 255**.

Distribution



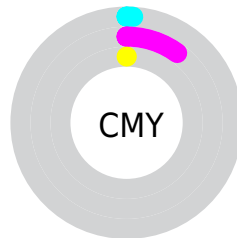
- Red (99%)
- Green (90%)
- Blue (100%)



- Red (99%)
- Yellow (90%)
- Blue (100%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 253, 230, 254 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 253, 230, 254 by changing the saturation by 10% instead.

 253, 230, 254


255, 255, 255

 253, 230, 254

 224, 202, 225


 196, 174, 197

 169, 148, 170

 142, 122, 144

 117, 97, 118

 92, 73, 93

 68, 51, 70

 46, 29, 47

 26, 5, 27

253, 230, 254

253, 230, 254

252, 205, 254

254, 255, 255

251, 179, 254

254, 255, 254

250, 154, 254

249, 128, 254

248, 103, 254

247, 78, 254

246, 52, 254

245, 27, 254

243, 1, 254

Harmonies

Analogous

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



236, 234, 255



253, 230, 254



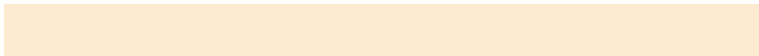
255, 228, 240

Triad

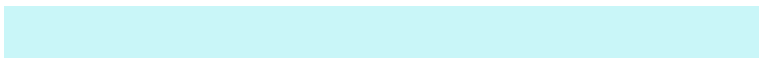
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



253, 230, 254



237, 252, 209



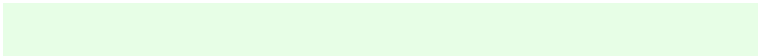
201, 224, 248

Complementary

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



253, 230, 254



230, 254, 253

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.



207, 230, 245



253, 230, 254



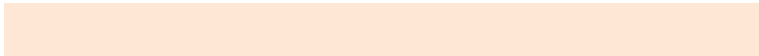
211, 240, 215

Square

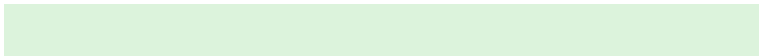
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



253, 230, 254



255, 243, 214



220, 243, 243



205, 227, 255

Rectangle

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



253, 230, 254



255, 227, 231



220, 243, 243



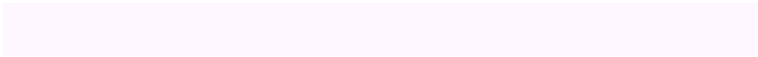
202, 225, 246

Sweetspot

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



253, 230, 254



255, 247, 255



230, 231, 254



127, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



253, 230, 254



254, 227, 255



254, 230, 243



127, 115, 128



183, 0, 191



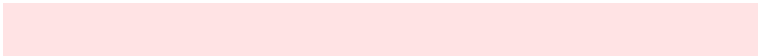
61, 0, 64

Inverse Universe

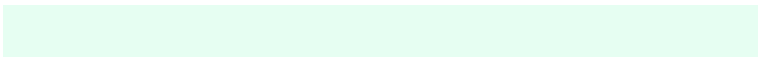
The Inverse Universe completely reimagines the original color for something new.



254, 230, 231



255, 227, 228



230, 246, 254



128, 115, 115



191, 0, 8



64, 0, 3

Previews

White Background



This preview shows how the RYB color 253, 230, 254 looks on a white background.

Color Contrast Check

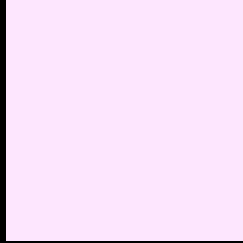
Large Text (above 18pt) WCAG AA × Fail

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 253, 230, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

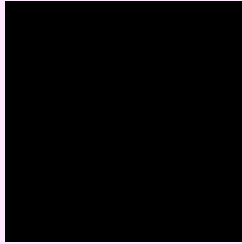
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

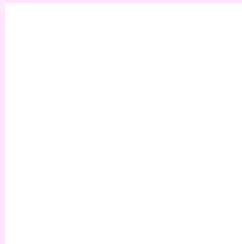
Any Text WCAG AAA ✓ Pass

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

RYB 253, 230, 254 Background



This preview shows how black text looks on a background with the RYB color 253, 230, 254.



This preview shows how white text looks on a background with the RYB color 253, 230, 254.

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 253, 230, 254
	Protanopia 236, 236, 255
	Deuteranopia 252, 230, 254



Tritanopia

252, 231, 249

Trichromacy



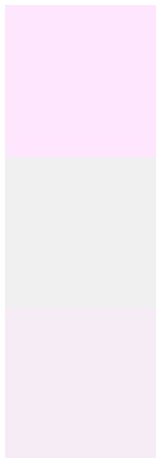
Original Color
253, 230, 254

Protanomaly
242, 234, 255

Deuteranomaly
252, 230, 254

Tritanomaly
252, 231, 251

Monochromacy



Original Color
253, 230, 254

Achromatopsia
240, 240, 240

Achromatomaly
245, 236, 245

CSS Examples

Text

The CSS property to change the color of the text to RYB 253, 230, 254 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(253, 230, 254) looks like.

```
.text, #text, p{  
    color:rgb(253, 230, 254)  
}
```

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(253, 230, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 230, 254) }
```

Border

The CSS property to change the border of an element to RYB 253, 230, 254 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(253, 230, 254) }
```

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

```
.border{ border-color:rgb(253, 230, 254) }
```

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

Here you see how a box with a 4 pixel rgb(253, 230, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 230, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 230, 254);  
box-shadow:4px 4px 4px 4px rgb(253, 230,  
254) }
```

Background

The CSS property to change the background color of an element to RYB 253, 230, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 230, 254) }
```

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

```
.background{ background-color: rgb(253,  
230, 254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor