

Converting Colors

`RYB(255, 31, 184)`

Have a look what the booklet for
RYB(255, 31, 184) contains.

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Color

R_YB(255, 31, 184)

Conversions

Conversions Part 1

Format	Color
Hex	FF1FB8
RGB	255, 31, 184
RGB Percent	100%, 12%, 72%
CMY	0.0000, 0.8784, 0.2784
CMYK	0.00, 0.88, 0.28, 0.00
HSL	319°, 100%, 56%
HSV	319°, 88%, 100%
XYZ	50.3817, 25.7007, 47.6527
YIQ	115.4180, 84.3910, 95.0710

Conversions

Conversions Part 2

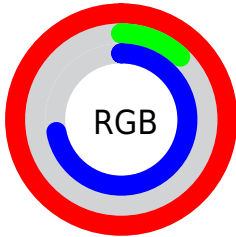
Format	Color
RYB	255, 31, 184
Decimal	16719800
CIELab	57.75, 86.76, -24.69
CIElCh	58, 90.201, 344.115
Yxy	25.7007, 0.4072, 0.2077
Android (android.graphics.Color)	4294909880 (0xFFFF1FB8)
YUV	115.4180, 33.8109, 122.4134
Hunter-Lab	50.6958, 88.6763, -20.2439

Details

The RYB color **255, 31, 184** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **31, 201, 255**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **255, 110, 240**, and **193, 0, 131** is the 20% darker color. If you saturate the color by 10%, you get **255, 6, 176**, and if you desaturate by 10%, it is **255, 57, 192**.

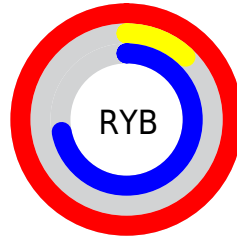
Distribution



Red (100%)

Green (12%)

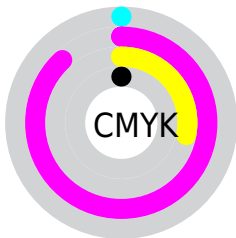
Blue (72%)



Red (100%)

Yellow (12%)

Blue (72%)

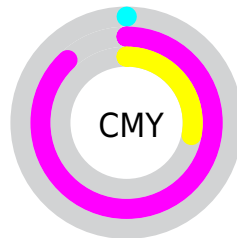


Cyan (0%)

Magenta (88%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (88%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the RYB color 255, 31, 184 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, 31, 184 by changing the saturation by 10% instead.

 255, 31, 184

 255, 31, 184

255, 255, 255

 224, 0, 157

 255, 110, 240

 193, 0, 131

 255, 141, 255

 162, 0, 105

 255, 172, 255

 132, 0, 81

 255, 203, 255

 103, 0, 58

 255, 234, 255

 74, 0, 36

 44, 0, 10

 0, 0, 0

 255, 31, 184

 255, 31, 184

■ 255, 6, 176

■ 255, 57, 192

■ 255, 0, 174

■ 255, 82, 200

■ 255, 107, 208

■ 255, 133, 216

■ 255, 159, 224

■ 255, 184, 232

■ 255, 210, 241

■ 255, 235, 249

255, 255, 255

Harmonies

Analogous

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



185, 95, 254



255, 31, 184



255, 0, 106

Triad

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



255, 31, 184



0, 147, 13



0, 101, 248

Complementary

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



255, 31, 184



31, 201, 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.



0, 87, 175



255, 31, 184



0, 162, 162

Square

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



255, 31, 184



138, 202, 0



0, 109, 169



0, 98, 255

Rectangle

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



255, 31, 184



255, 56, 55



0, 109, 169



0, 97, 226

Sweetspot

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



255, 31, 184



255, 189, 234



102, 31, 255



128, 88, 115



0, 0, 0



128, 128, 128

Same Dimension

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



255, 31, 184



255, 0, 174



255, 31, 72



128, 115, 123



191, 0, 131



64, 0, 44

Inverse Universe

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



255, 31, 184



255, 0, 174



31, 154, 255



128, 115, 123



191, 0, 131



64, 0, 44

Previews

White Background



This preview shows how the RYB color 255, 31, 184 looks on a white background.

Color Contrast Check

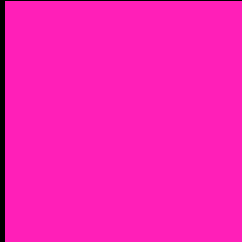
Large Text (above 18pt) WCAG AA ✓ Pass

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, 31, 184 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 × Fail

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

RYB 255, 31, 184 Background



This preview shows how black text looks on a background with the RYB color 255, 31, 184.

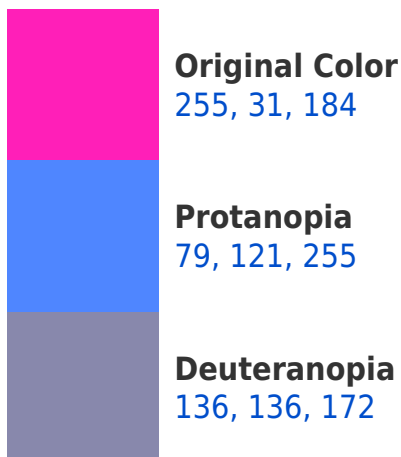


This preview shows how white text looks on a background with the RYB color 255, 31, 184.

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





Tritanopia
247, 77, 81

Trichromacy



Original Color

255, 31, 184



Protanomaly

143, 97, 229



Deuteranomaly

179, 98, 176



Tritanomaly

250, 60, 118

Monochromacy



Original Color

255, 31, 184



Achromatopsia

115, 115, 115



Achromatomaly

166, 84, 140

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 31, 184 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, 31, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 31, 184)  
}
```

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, 31, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 31, 184) }
```

Border

The CSS property to change the border of an element to RYB 255, 31, 184 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, 31, 184) }
```

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

```
.border{ border-color:rgb(255, 31, 184) }
```

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

Here you see how a box with a 4 pixel rgb(255, 31, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 31, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 31, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 31,  
184) }
```

Background

The CSS property to change the background color of an element to RGB 255, 31, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 31, 184) }
```

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

```
.background{ background-color: rgb(255, 31,  
184) }
```

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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