

Converting Colors

RGB(255, 21, 154)

Have a look what the booklet for
RGB(255, 21, 154) contains.

RGB(255, 21, 154)	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

RGB(255, 21, 154)

Conversions

Conversions Part 1

Format	Color
Hex	FF159A
RGB	255, 21, 154
RGB Percent	100%, 8%, 60%
CMY	0.0000, 0.9176, 0.3961
CMYK	0.00, 0.92, 0.40, 0.00
HSL	326°, 100%, 54%
HSV	326°, 92%, 100%
XYZ	47.3409, 24.1294, 32.7342
YIQ	106.1280, 96.7710, 90.9710

Conversions

Conversions Part 2

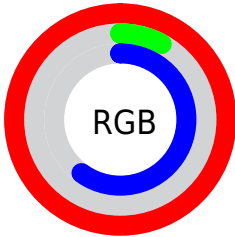
Format	Color
R_{YB}	255, 21, 154
Decimal	16717210
CIE _{Lab}	56.22, 85.06, -9.47
CIE _{LCh}	56, 85.586, 353.648
Yxy	24.1294, 0.4543, 0.2316
Android (android.graphics.Color)	4294907290 (0xFFFF159A)
YUV	106.1280, 23.6009, 130.5607
Hunter-Lab	49.1217, 86.0658, -5.1250

Details

The RGB color **255, 21, 154** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **21, 255, 122**, and the grayscale version is **106, 106, 106**.

A 20% lighter version of the original color is **255, 105, 208**, and **192, 0, 103** is the 20% darker color. If you saturate the color by 10%, you get **255, 0, 145**, and if you desaturate by 10%, it is **255, 47, 165**.

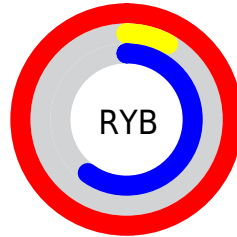
Distribution



Red (100%)

Green (8%)

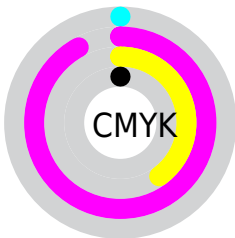
Blue (60%)



Red (100%)

Yellow (8%)

Blue (60%)

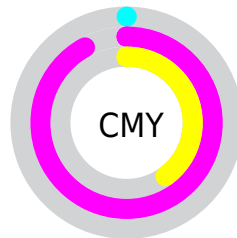


Cyan (0%)

Magenta (92%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (92%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 21, 154 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 RGB color 255, 21, 154 by changing the saturation by 10% instead.



255, 21, 154



255, 21, 154

255, 255, 255



223, 0, 128



255, 105, 208



192, 0, 103



255, 137, 237



161, 0, 79



255, 168, 255



131, 0, 56



255, 198, 255



100, 0, 35



255, 229, 255



71, 0, 11



39, 0, 1



0, 0, 0



255, 21, 154



255, 21, 154

■ 255, 0, 145

■ 255, 47, 165

■ 255, 72, 176

■ 255, 98, 187

■ 255, 123, 198

■ 255, 148, 209

■ 255, 174, 220

■ 255, 200, 231

■ 255, 225, 242

■ 255, 251, 253

Harmonies

Analogous

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



206, 79, 224



255, 21, 154



255, 40, 81

Triad

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



255, 21, 154



107, 148, 0



0, 162, 255

Complementary

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



255, 21, 154



21, 255, 122

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, 166, 193



255, 21, 154



0, 160, 32

Square

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



255, 21, 154



177, 126, 0



0, 165, 116



0, 149, 255

Rectangle

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



255, 21, 154



242, 75, 30



0, 165, 116



0, 164, 237

Sweetspot

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



255, 21, 154



255, 184, 224



119, 21, 255



128, 84, 109



0, 0, 0



128, 128, 128

Same Dimension

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



255, 21, 154



255, 0, 145



255, 21, 40



128, 115, 122



191, 0, 109



64, 0, 36

Inverse Universe

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



255, 21, 154



255, 0, 145



21, 255, 235



128, 115, 122



191, 0, 109



64, 0, 36

Previews

White Background



This preview shows how the RGB color 255, 21, 154 looks on a white background.

Color Contrast Check

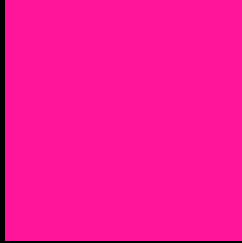
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 255, 21, 154 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](#).

RGB 255, 21, 154 Background



This preview shows how black text looks on a background with the RGB color 255, 21, 154.

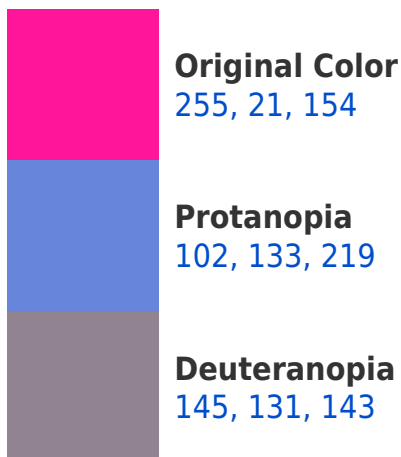


This preview shows how white text looks on a background with the RGB color 255, 21, 154.

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
250, 63, 65

Trichromacy



Original Color

255, 21, 154



Protanomaly

158, 92, 195



Deuteranomaly

185, 91, 147



Tritanomaly

252, 48, 97

Monochromacy



Original Color

255, 21, 154



Achromatopsia

106, 106, 106



Achromatomaly

160, 75, 123

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 21, 154 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, 21, 154) looks like.

```
.text, #text, p{  
    color:rgb(255, 21, 154)  
}
```

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, 21, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 21, 154) }
```

Border

The CSS property to change the border of an element to RGB 255, 21, 154 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, 21, 154) }
```

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

```
.border{ border-color:rgb(255, 21, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 21, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 21, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 21, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 21,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 255, 21, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 21, 154) }
```

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

```
.background{ background-color: rgb(255, 21,  
154) }
```

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