

Converting Colors

RGB(255, 26, 127)

Have a look what the booklet for
RGB(255, 26, 127) contains.

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Color

RGB(255, 26, 127)

Conversions

Conversions Part 1

Format	Color
Hex	FF1A7F
RGB	255, 26, 127
RGB Percent	100%, 10%, 50%
CMY	0.0000, 0.8980, 0.5020
CMYK	0.00, 0.90, 0.50, 0.00
HSL	334°, 100%, 55%
HSV	334°, 90%, 100%
XYZ	45.4402, 23.5311, 22.2257
YIQ	105.9850, 104.0630, 79.9590

Conversions

Conversions Part 2

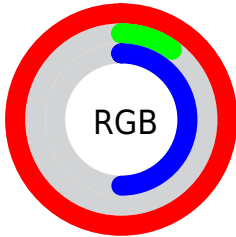
Format	Color
R_{YB}	255, 26, 127
Decimal	16718463
CIE _{Lab}	55.62, 82.28, 5.72
CIE _{LCh}	56, 82.476, 3.974
Yxy	23.5311, 0.4983, 0.2580
Android (android.graphics.Color)	4294908543 (0xFFFF1A7F)
YUV	105.9850, 10.3604, 130.6862
Hunter-Lab	48.5089, 82.3175, 6.7909

Details

The RGB color **255, 26, 127** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **26, 255, 154**, and the grayscale version is **106, 106, 106**.

A 20% lighter version of the original color is **255, 106, 179**, and **191, 0, 78** is the 20% darker color. If you saturate the color by 10%, you get **255, 0, 113**, and if you desaturate by 10%, it is **255, 51, 141**.

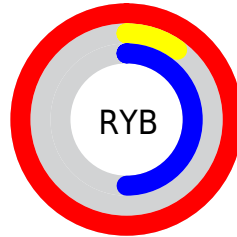
Distribution



Red (100%)

Green (10%)

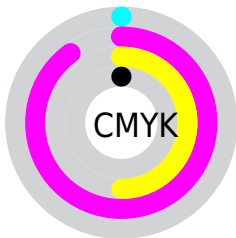
Blue (50%)



Red (100%)

Yellow (10%)

Blue (50%)

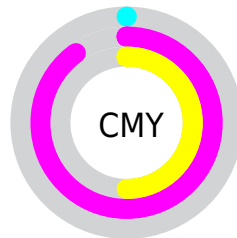


Cyan (0%)

Magenta (90%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (90%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 26, 127 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, 26, 127 by changing the saturation by 10% instead.



255, 26, 127



255, 26, 127

255, 255, 255



223, 0, 102



255, 106, 179



191, 0, 78



255, 137, 207



160, 0, 56



255, 168, 235



129, 0, 35



255, 198, 255



98, 0, 13



255, 229, 255



68, 0, 3



34, 0, 1



0, 0, 0



255, 26, 127



255, 26, 127

■ 255, 0, 113

■ 255, 51, 141

■ 255, 0, 112

■ 255, 77, 156

■ 255, 102, 170

■ 255, 128, 184

■ 255, 153, 198

■ 255, 179, 213

■ 255, 204, 227

■ 255, 230, 241

255, 255, 255

Harmonies

Analogous

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



224, 64, 197



255, 26, 127



247, 63, 57

Triad

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



255, 26, 127



76, 151, 0



0, 157, 255

Complementary

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



255, 26, 127



26, 255, 154

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, 163, 212



255, 26, 127



0, 160, 65

Square

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



255, 26, 127



153, 134, 0



0, 163, 141



0, 140, 255

Rectangle

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



255, 26, 127



224, 92, 0



0, 163, 141



0, 160, 249

Sweetspot

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



255, 26, 127



255, 186, 217



152, 26, 255



128, 87, 105



0, 0, 0



128, 128, 128

Same Dimension

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



255, 26, 127



255, 0, 112



255, 37, 26



128, 115, 120



191, 0, 84



64, 0, 28

Inverse Universe

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



255, 26, 127



255, 0, 112



26, 244, 255



128, 115, 120



191, 0, 84



64, 0, 28

Previews

White Background



This preview shows how the RGB color 255, 26, 127 looks on a white background.

Color Contrast Check

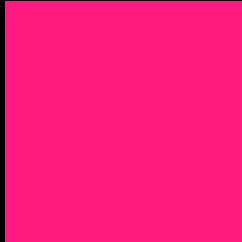
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26, 127 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, 26, 127 Background



This preview shows how black text looks on a background with the RGB color 255, 26, 127.



This preview shows how white text looks on a background with the RGB color 255, 26, 127.

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, 26, 127

Protanopia
120, 132, 181

Deuteranopia
153, 129, 117



Tritanopia
252, 55, 55

Trichromacy



Original Color

255, 26, 127



Protanomaly

169, 93, 161



Deuteranomaly

190, 92, 121



Tritanomaly

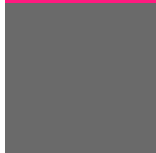
253, 44, 81

Monochromacy



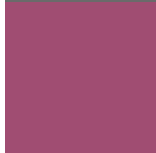
Original Color

255, 26, 127



Achromatopsia

106, 106, 106



Achromatomaly

160, 77, 114

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 26, 127 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, 26, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 26, 127)  
}
```

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, 26, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 26, 127) }
```

Border

The CSS property to change the border of an element to RGB 255, 26, 127 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, 26, 127) }
```

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

```
.border{ border-color:rgb(255, 26, 127) }
```

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

Here you see how a box with a 4 pixel rgb(255, 26, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 26, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 26, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 26,  
127) }
```

Background

The CSS property to change the background color of an element to RGB 255, 26, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 26, 127) }
```

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

```
.background{ background-color: rgb(255, 26,  
127) }
```

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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