

Converting Colors

`RYB(254, 60, 244)`

Have a look what the booklet for RYB(254, 60, 244) contains.

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Color

R_YB(254, 60, 244)

Conversions

Conversions Part 1

Format	Color
Hex	FE3CF4
RGB	254, 60, 244
RGB Percent	100%, 24%, 96%
CMY	0.0039, 0.7647, 0.0431
CMYK	0.00, 0.76, 0.04, 0.00
HSL	303°, 99%, 62%
HSV	303°, 76%, 100%
XYZ	58.8180, 30.8342, 88.4395
YIQ	138.9820, 56.5600, 98.3520

Conversions

Conversions Part 2

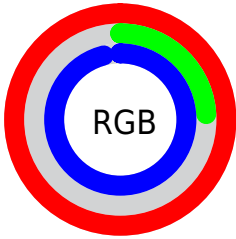
Format	Color
RYB	254, 60, 244
Decimal	16661748
CIELab	62.37, 88.29, -51.49
CIElCh	62, 102.209, 329.750
Yxy	30.8342, 0.3303, 0.1731
Android (android.graphics.Color)	4294851828 (0xFFFE3CF4)
YUV	138.9820, 51.7739, 100.8708
Hunter-Lab	55.5286, 91.8993, -55.5603

Details

The RYB color **254, 60, 244** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **60, 244, 254**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **255, 128, 255**, and **193, 0, 187** is the 20% darker color. If you saturate the color by 10%, you get **254, 35, 243**, and if you desaturate by 10%, it is **254, 85, 245**.

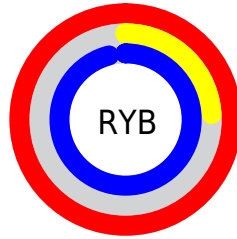
Distribution



Red (100%)

Green (24%)

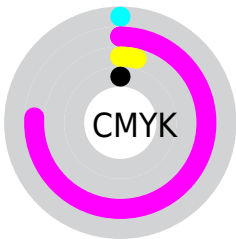
Blue (96%)



Red (100%)

Yellow (24%)

Blue (96%)

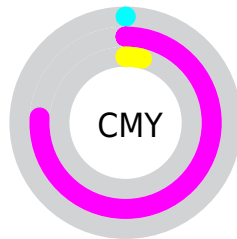


Cyan (0%)

Magenta (76%)

Yellow (4%)

Black (0%)



Cyan (0%)


















Magenta (76%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 254, 60, 244 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 254, 60, 244 by changing the saturation by 10% instead.

 254, 60, 244	 254, 60, 244
 255, 255, 255	 223, 0, 215
 255, 128, 255	 193, 0, 187
 255, 158, 255	 163, 0, 160
 255, 189, 255	 133, 0, 133
 255, 219, 255	 104, 0, 107
 255, 250, 255	 76, 0, 82
	 47, 0, 58
	 6, 0, 35
	 0, 0, 9


 254, 60, 244

 254, 60, 244


 254, 35, 243


 254, 85, 245


 254, 9, 241

 254, 111, 247

 254, 0, 241

 254, 136, 248

 254, 162, 249

 254, 187, 251

 254, 212, 252

 254, 238, 253

254, 255, 255

254, 255, 255

Harmonies

Analogous

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



126, 126, 255



254, 60, 244



255, 0, 156

Triad

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



254, 60, 244



46, 184, 0



0, 105, 239

Complementary

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



254, 60, 244



60, 244, 254

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, 104, 187



254, 60, 244



0, 171, 81

Square

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



254, 60, 244



252, 183, 0



0, 145, 182



0, 106, 255

Rectangle

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



254, 60, 244



255, 0, 96



0, 145, 182



0, 99, 210

Sweetspot

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



254, 60, 244



255, 196, 252



70, 60, 254



128, 92, 126



0, 0, 0



128, 128, 128

Same Dimension

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



254, 60, 244



255, 20, 243



254, 60, 147



128, 115, 127



191, 0, 181



64, 0, 60

Inverse Universe

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



254, 60, 244



255, 20, 243



60, 185, 254



128, 115, 127



191, 0, 181



64, 0, 60

Previews

White Background



This preview shows how the RYB color 254, 60, 244 looks on a white background.

Color Contrast Check

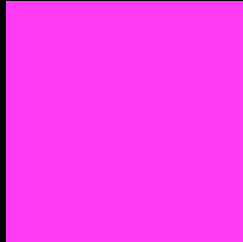
Large Text (above 18pt) WCAG AA × Fail

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 254, 60, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

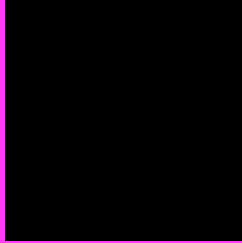
Any Text WCAG AA ✓ Pass

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](#).

RVB 254, 60, 244 Background



This preview shows how black text looks on a background with the RYB color 254, 60, 244.

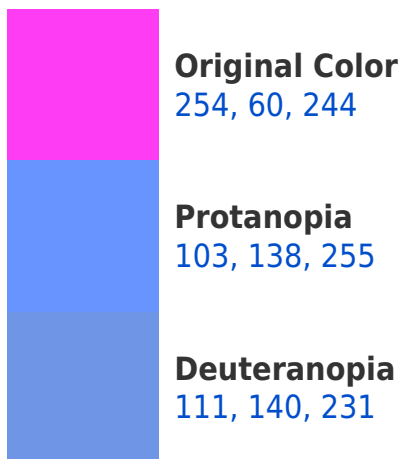



This preview shows how white text looks on a background with the RYB color 254, 60, 244.

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
240, 108, 115

Trichromacy



Original Color

254, 60, 244



Protanomaly

158, 116, 251



Deuteranomaly

163, 117, 236



Tritanomaly

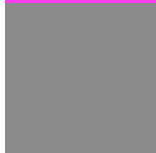
245, 91, 162

Monochromacy



Original Color

254, 60, 244



Achromatopsia

139, 139, 139



Achromatomaly

181, 110, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 254, 60, 244 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(254, 60, 244) looks like.

```
.text, #text, p{  
    color:rgb(254, 60, 244)  
}
```

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(254, 60, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 60, 244) }
```

Border

The CSS property to change the border of an element to RYB 254, 60, 244 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(254, 60, 244) }
```

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

```
.border{ border-color:rgb(254, 60, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 60, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 60, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 60, 244);  
box-shadow:4px 4px 4px 4px rgb(254, 60,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 254, 60, 244 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 60, 244) }
```

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

```
.background{ background-color: rgb(254, 60,  
244) }
```

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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