

Converting Colors

`RYB(254, 2, 160)`

Have a look what the booklet for
RYB(254, 2, 160) contains.

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Color

`RYB(254, 2, 160)`

Conversions

Conversions Part 1

Format	Color
Hex	FE02A0
RGB	254, 2, 160
RGB Percent	100%, 1%, 63%
CMY	0.0039, 0.9922, 0.3725
CMYK	0.00, 0.99, 0.37, 0.00
HSL	322°, 99%, 50%
HSV	322°, 99%, 100%
XYZ	47.2399, 23.6523, 35.3332
YIQ	95.3600, 99.4740, 102.5620

Conversions

Conversions Part 2

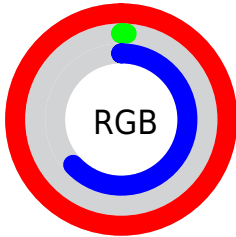
Format	Color
RYB	254, 2, 160
Decimal	16646816
CIELab	55.74, 86.84, -13.75
CIElCh	56, 87.926, 351.002
Yxy	23.6523, 0.4447, 0.2227
Android (android.graphics.Color)	4294836896 (0xFFFE02A0)
YUV	95.3600, 31.8675, 139.1273
Hunter-Lab	48.6336, 88.2758, -9.0317

Details

The RYB color **254, 2, 160** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **2, 186, 254**, and the grayscale version is **95, 95, 95**.

A 20% lighter version of the original color is **255, 101, 215**, and **191, 0, 109** is the 20% darker color. If you saturate the color by 10%, you get **254, 0, 159**, and if you desaturate by 10%, it is **254, 27, 169**.

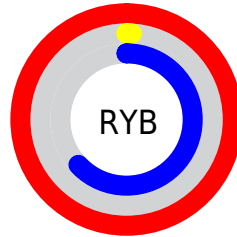
Distribution



Red (100%)

Green (1%)

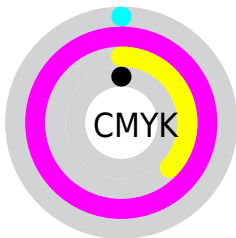
Blue (63%)



Red (100%)

Yellow (1%)

Blue (63%)

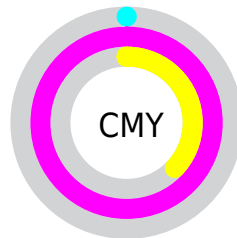


Cyan (0%)

Magenta (99%)

Yellow (37%)

Black (0%)



Cyan (0%)

Magenta (99%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 254, 2, 160 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, 2, 160 by changing the saturation by 10% instead.


 254, 2, 160

 254, 2, 160

255, 255, 255

 222, 0, 134

 255, 101, 215

 191, 0, 109

 255, 133, 243

 160, 0, 84

 255, 164, 255

 130, 0, 61

 255, 195, 255

 100, 0, 39

 255, 226, 255

 70, 0, 18

 39, 0, 1

 0, 0, 0

 254, 2, 160

 254, 2, 160

■ 254, 0, 159

■ 254, 27, 169

■ 254, 53, 179

■ 254, 78, 188

■ 254, 104, 198

■ 254, 129, 207

■ 254, 154, 217

■ 254, 180, 226

■ 254, 205, 236

■ 254, 231, 245

Harmonies

Analogous

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



199, 80, 231



254, 2, 160



255, 19, 85

Triad

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



254, 2, 160



0, 146, 35



0, 99, 252

Complementary

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



254, 2, 160



2, 186, 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, 88, 187



254, 2, 160



0, 147, 158

Square

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



254, 2, 160



88, 181, 0



0, 99, 164



0, 94, 255

Rectangle

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



254, 2, 160



246, 72, 33



0, 99, 164



0, 96, 233

Sweetspot

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



254, 2, 160



255, 179, 226



94, 2, 254



128, 82, 110



0, 0, 0



128, 128, 128

Same Dimension

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



254, 2, 160



255, 0, 160



254, 2, 36



128, 115, 123



191, 0, 120



64, 0, 40

Inverse Universe

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



254, 2, 160



255, 0, 160



2, 137, 254



128, 115, 123



191, 0, 120



64, 0, 40

Previews

White Background



This preview shows how the RYB color 254, 2, 160 looks on a white background.

Color Contrast Check

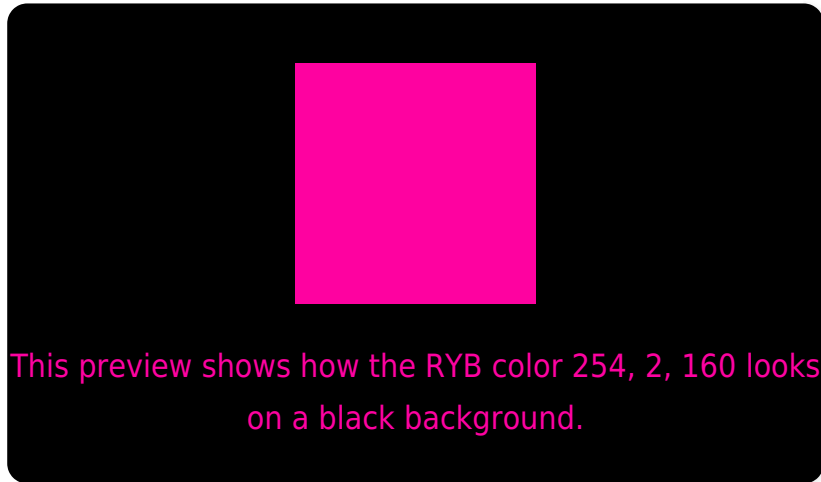
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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](#).

R Y B 254, 2, 160 Background



This preview shows how black text looks on a background with the R Y B color 254, 2, 160.

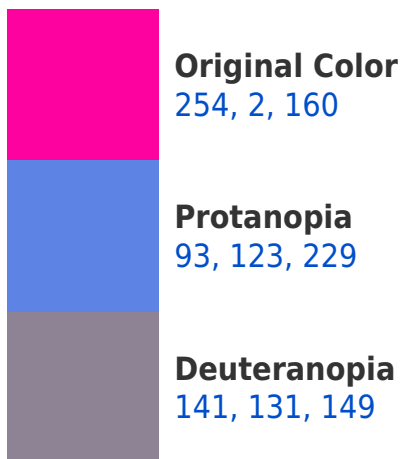


This preview shows how white text looks on a background with the R Y B color 254, 2, 160.

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
248, 63, 65

Trichromacy



Original Color

254, 2, 160



Protanomaly

152, 85, 204



Deuteranomaly

182, 84, 153



Tritanomaly

250, 41, 100

Monochromacy



Original Color

254, 2, 160



Achromatopsia

95, 95, 95



Achromatomaly

153, 61, 119

CSS Examples

Text

The CSS property to change the color of the text to RYB 254, 2, 160 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, 2, 160)` looks like.

```
.text, #text, p{  
    color:rgb(254, 2, 160)  
}
```

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, 2, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 2, 160) }
```

Border

The CSS property to change the border of an element to RYB 254, 2, 160 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, 2, 160) }
```

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

```
.border{ border-color:rgb(254, 2, 160) }
```

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

Here you see how a box with a 4 pixel rgb(254, 2, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 2, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 2, 160);  
box-shadow:4px 4px 4px 4px rgb(254, 2,  
160) }
```

Background

The CSS property to change the background color of an element to RGB 254, 2, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 2, 160) }
```

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

```
.background{ background-color: rgb(254, 2,  
160) }
```

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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