

Converting Colors

RGB(239, 32, 171)

Have a look what the booklet for
RGB(239, 32, 171) contains.

RGB(239, 32, 171)	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(239, 32, 171)

Conversions

Conversions Part 1

Format	Color
Hex	EF20AB
RGB	239, 32, 171
RGB Percent	94%, 13%, 67%
CMY	0.0627, 0.8745, 0.3294
CMYK	0.00, 0.87, 0.28, 0.06
HSL	320°, 87%, 53%
HSV	320°, 87%, 94%
XYZ	43.4638, 22.3240, 40.5462
YIQ	109.7390, 78.7530, 87.1130

Conversions

Conversions Part 2

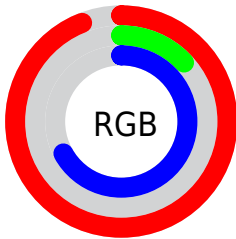
Format	Color
R_{YB}	239, 32, 171
Decimal	15671467
CIE _{Lab}	54.37, 81.90, -22.56
CIE _{LCh}	54, 84.948, 344.597
Yxy	22.3240, 0.4087, 0.2099
Android (android.graphics.Color)	4293861547 (0xFFEF20AB)
YUV	109.7390, 30.2017, 113.3619
Hunter-Lab	47.2483, 81.5180, -17.8060

Details

The RGB color **239, 32, 171** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **32, 239, 100**, and the grayscale version is **109, 109, 109**.

A 20% lighter version of the original color is **255, 107, 227**, and **178, 0, 119** is the 20% darker color. If you saturate the color by 10%, you get **239, 8, 163**, and if you desaturate by 10%, it is **239, 56, 179**.

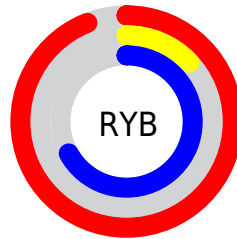
Distribution



Red (94%)

Green (13%)

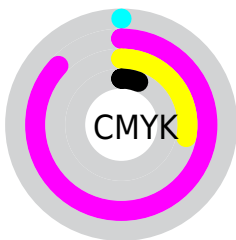
Blue (67%)



Red (94%)

Yellow (13%)

Blue (67%)

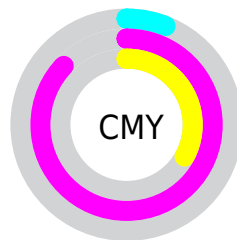


Cyan (0%)

Magenta (87%)

Yellow (28%)

Black (6%)



Cyan (6%)

Magenta (87%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 239, 32, 171 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 239, 32, 171 by changing the saturation by 10% instead.

 239, 32, 171

 239, 32, 171

255, 255, 255

 208, 0, 144

 255, 107, 227

 178, 0, 119

 255, 138, 255

 148, 0, 94

 255, 168, 255

 118, 0, 70

 255, 198, 255

 89, 0, 47

 255, 229, 255

 60, 0, 26

 28, 0, 1

 0, 0, 0

 239, 32, 171

 239, 32, 171

■ 239, 8, 163

■ 239, 56, 179

■ 239, 0, 160

■ 239, 80, 187

■ 239, 104, 195

■ 239, 128, 202

■ 239, 152, 210

■ 239, 175, 218

■ 239, 199, 226

■ 239, 223, 234

■ 239, 247, 242

Harmonies

Analogous

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



175, 89, 236



239, 32, 171



255, 7, 98

Triad

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



239, 32, 171



125, 138, 0



0, 159, 233

Complementary

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



239, 32, 171



32, 239, 100

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, 161, 165



239, 32, 171



0, 152, 0

Square

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



239, 32, 171



188, 113, 0



0, 158, 88



0, 150, 255

Rectangle

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



239, 32, 171



245, 55, 51



0, 158, 88



0, 160, 212

Sweetspot

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



239, 32, 171



255, 189, 233



98, 32, 239



128, 88, 115



0, 0, 0



128, 128, 128

Same Dimension

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



239, 32, 171



255, 0, 171



239, 32, 70



120, 108, 116



184, 0, 123



56, 0, 38

Inverse Universe

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



239, 32, 171



255, 0, 171



32, 239, 201



120, 108, 116



184, 0, 123



56, 0, 38

Previews

White Background



This preview shows how the RGB color 239, 32, 171 looks on a white background.

Color Contrast Check

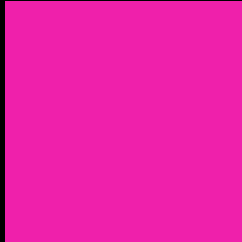
Large Text (above 18pt) WCAG AA ✓ Pass

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 239, 32, 171 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 239, 32, 171 Background



This preview shows how black text looks on a background with the RGB color 239, 32, 171.



This preview shows how white text looks on a background with the RGB color 239, 32, 171.

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
239, 32, 171

Protanopia
76, 127, 238

Deuteranopia
128, 128, 160



Tritanopia
232, 72, 76

Trichromacy



Original Color

239, 32, 171



Protanomaly

135, 92, 214



Deuteranomaly

168, 93, 164



Tritanomaly

235, 57, 111

Monochromacy



Original Color

239, 32, 171



Achromatopsia

110, 110, 110



Achromatomaly

157, 82, 132

CSS Examples

Text

The CSS property to change the color of the text to RGB 239, 32, 171 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(239, 32, 171)` looks like.

```
.text, #text, p{  
    color:rgb(239, 32, 171)  
}
```

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(239, 32, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 32, 171) }
```

Border

The CSS property to change the border of an element to RGB 239, 32, 171 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(239, 32, 171) }
```

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

```
.border{ border-color:rgb(239, 32, 171) }
```

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

Here you see how a box with a 4 pixel rgb(239, 32, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 32, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 32, 171);  
box-shadow:4px 4px 4px 4px rgb(239, 32,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 239, 32, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 32, 171) }
```

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

```
.background{ background-color: rgb(239, 32,  
171) }
```

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