

Converting Colors

RGB(237, 53, 200)

Have a look what the booklet for
RGB(237, 53, 200) contains.

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Color

RGB(237, 53, 200)

Conversions

Conversions Part 1

Format	Color
Hex	ED35C8
RGB	237, 53, 200
RGB Percent	93%, 21%, 78%
CMY	0.0706, 0.7922, 0.2157
CMYK	0.00, 0.78, 0.16, 0.07
HSL	312°, 84%, 57%
HSV	312°, 78%, 93%
XYZ	46.6235, 24.7209, 56.9579
YIQ	124.7740, 62.4770, 84.7250

Conversions

Conversions Part 2

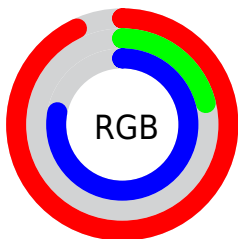
Format	Color
R _{YB}	237, 53, 200
Decimal	15545800
CIE _{Lab}	56.80, 80.53, -35.63
CIE _{LCh}	57, 88.055, 336.134
Yxy	24.7209, 0.3634, 0.1927
Android (android.graphics.Color)	4293735880 (0xFFED35C8)
YUV	124.7740, 37.0864, 98.4222
Hunter-Lab	49.7201, 80.3728, -33.1168

Details

The RGB color **237, 53, 200** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **53, 237, 90**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **255, 119, 255**, and **177, 0, 146** is the 20% darker color. If you saturate the color by 10%, you get **237, 29, 195**, and if you desaturate by 10%, it is **237, 77, 205**.

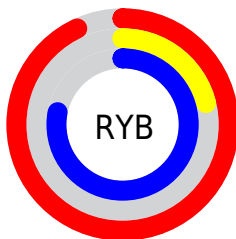
Distribution



Red (93%)

Green (21%)

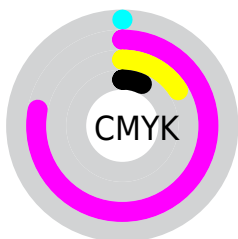
Blue (78%)



Red (93%)

Yellow (21%)

Blue (78%)

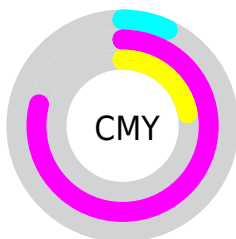


Cyan (0%)

Magenta (78%)

Yellow (16%)

Black (7%)



Cyan (7%)

Magenta (79%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 237, 53, 200 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 237, 53, 200 by changing the saturation by 10% instead.

 237, 53, 200

 237, 53, 200

255, 255, 255

 207, 0, 172

 255, 119, 255

 177, 0, 146

 255, 149, 255

 147, 0, 119

 255, 179, 255

 118, 0, 94

 255, 209, 255

 89, 0, 70

 255, 240, 255

 62, 0, 47

 32, 0, 25

 0, 0, 0

 237, 53, 200

 237, 53, 200

■ 237, 29, 195

■ 237, 77, 205

■ 237, 6, 190

■ 237, 100, 210

■ 237, 0, 189

■ 237, 124, 214

■ 237, 148, 219

■ 237, 171, 224

■ 237, 195, 229

■ 237, 219, 233

■ 237, 243, 238

■ 237, 255, 243

Harmonies

Analogous

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



151, 107, 255



237, 53, 200



255, 0, 124

Triad

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



237, 53, 200



151, 139, 0



0, 168, 226

Complementary

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



237, 53, 200



53, 237, 90

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, 168, 151



237, 53, 200



64, 156, 0

Square

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



237, 53, 200



213, 108, 0



0, 165, 69



0, 161, 255

Rectangle

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



237, 53, 200



255, 39, 74



0, 165, 69



0, 168, 202

Sweetspot

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



237, 53, 200



255, 196, 243



90, 53, 237



128, 92, 120



0, 0, 0



128, 128, 128

Same Dimension

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



237, 53, 200



255, 18, 207



237, 53, 108



117, 106, 115



181, 0, 145



54, 0, 43

Inverse Universe

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



237, 53, 200



255, 18, 207



53, 237, 182



117, 106, 115



181, 0, 145



54, 0, 43

Previews

White Background



This preview shows how the RGB color 237, 53, 200 looks on a white background.

Color Contrast Check

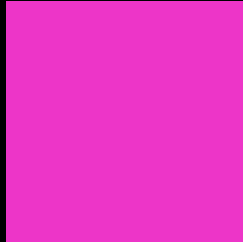
Large Text (above 18pt) WCAG AA ✓ Pass

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 237, 53, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

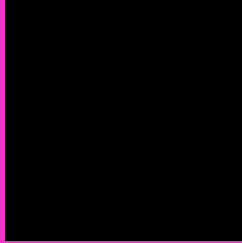
Any Text WCAG AA ✓ Pass

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 237, 53, 200 Background



This preview shows how black text looks on a background with the RGB color 237, 53, 200.

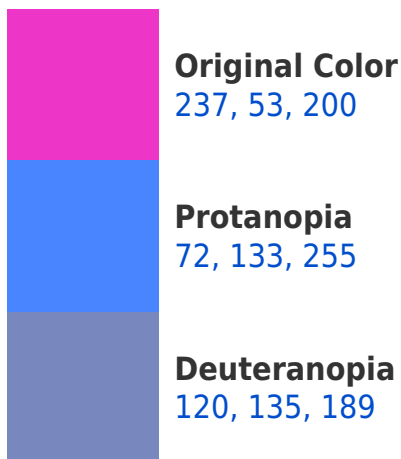


This preview shows how white text looks on a background with the RGB color 237, 53, 200.

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
227, 90, 96

Trichromacy



Original Color
237, 53, 200



Protanomaly
132, 104, 235



Deuteranomaly
163, 105, 193



Tritanomaly
231, 77, 134

Monochromacy



Original Color
237, 53, 200



Achromatopsia
125, 125, 125



Achromatomaly
166, 99, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 53, 200 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(237, 53, 200)` looks like.

```
.text, #text, p{  
    color:rgb(237, 53, 200)  
}
```

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(237, 53, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 53, 200) }
```

Border

The CSS property to change the border of an element to RGB 237, 53, 200 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(237, 53, 200) }
```

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

```
.border{ border-color:rgb(237, 53, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 53, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 53, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 53, 200);  
box-shadow:4px 4px 4px 4px rgb(237, 53,  
200) }
```

Background

The CSS property to change the background color of an element to RGB 237, 53, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 53, 200) }
```

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

```
.background{ background-color: rgb(237, 53,  
200) }
```

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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