

Converting Colors

RGB(234, 54, 252)

Have a look what the booklet for
RGB(234, 54, 252) contains.

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Color

RGB(234, 54, 252)

Conversions

Conversions Part 1

Format	Color
Hex	EA36FC
RGB	234, 54, 252
RGB Percent	92%, 21%, 99%
CMY	0.0824, 0.7882, 0.0118
CMYK	0.07, 0.79, 0.00, 0.01
HSL	295°, 97%, 60%
HSV	295°, 79%, 99%
XYZ	52.8215, 27.1590, 94.5537
YIQ	130.3920, 43.7220, 99.7380

Conversions

Conversions Part 2

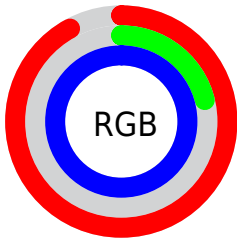
Format	Color
R _Y B	234, 54, 252
Decimal	15349500
CIE Lab	59.12, 87.28, -61.29
CIE LCh	59, 106.653, 324.923
Yxy	27.1590, 0.3026, 0.1556
Android (android.graphics.Color)	4293539580 (0xFFEA36FC)
YUV	130.3920, 59.9527, 90.8642
Hunter-Lab	52.1143, 89.7222, -71.0928

Details

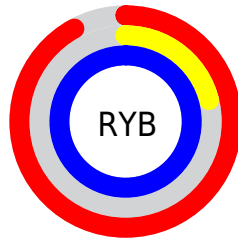
The RGB color **234, 54, 252** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **72, 252, 54**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **255, 121, 255**, and **174, 0, 194** is the 20% darker color. If you saturate the color by 10%, you get **232, 29, 252**, and if you desaturate by 10%, it is **236, 79, 252**.

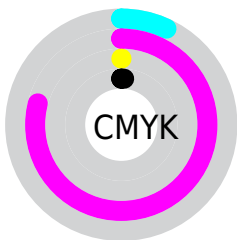
Distribution



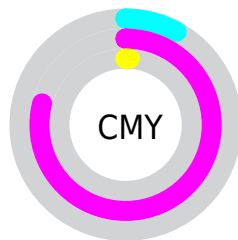
- Red (92%)
- Green (21%)
- Blue (99%)



- Red (92%)
- Yellow (21%)
- Blue (99%)



- Cyan (7%)
- Magenta (79%)
- Yellow (0%)
- Black (1%)



- Cyan (8%)
- Magenta (79%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 54, 252 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 234, 54, 252 by changing the saturation by 10% instead.

 234, 54, 252

 234, 54, 252

255, 255, 255

 204, 0, 223


 255, 121, 255

 174, 0, 194

 255, 152, 255

 144, 0, 167

 255, 182, 255

 114, 0, 140

 255, 212, 255

 85, 0, 113

 255, 243, 255

 58, 0, 88


 23, 0, 63

 0, 3, 40

 0, 1, 18


 234, 54, 252

 234, 54, 252


 232, 29, 252


 236, 79, 252

 229, 4, 252

 239, 104, 252

 229, 0, 252

 241, 130, 252

 243, 155, 252

 245, 180, 252

 248, 205, 252

 250, 230, 252

 252, 255, 252

255, 255, 252

Harmonies

Analogous

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



50, 125, 255



234, 54, 252



255, 0, 163

Triad

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



234, 54, 252



187, 134, 0



0, 179, 220

Complementary

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



234, 54, 252



72, 252, 54

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, 178, 123



234, 54, 252



95, 160, 0

Square

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



234, 54, 252



253, 84, 0



0, 172, 0



0, 176, 255

Rectangle

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



234, 54, 252



255, 0, 101



0, 172, 0



0, 179, 188

Sweetspot

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



234, 54, 252



249, 194, 255



54, 74, 252



124, 91, 128



0, 0, 0



128, 128, 128

Same Dimension

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



234, 54, 252



233, 15, 255



252, 54, 173



124, 112, 125



172, 0, 189



56, 0, 61

Inverse Universe

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



252, 54, 72



255, 15, 37



54, 252, 133



125, 112, 114



189, 0, 17



61, 0, 6

Previews

White Background



This preview shows how the RGB color 234, 54, 252 looks on a white background.

Color Contrast Check

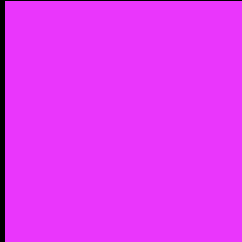
Large Text (above 18pt) WCAG AA ✓ Pass

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 234, 54, 252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

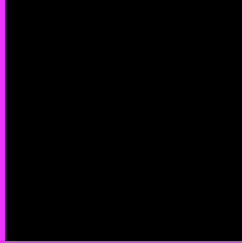
Any Text WCAG AA ✓ Pass

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 234, 54, 252 Background



This preview shows how black text looks on a background with the RGB color 234, 54, 252.



This preview shows how white text looks on a background with the RGB color 234, 54, 252.

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


234, 54, 252

Protanopia

84, 139, 255

Deuteranopia

76, 143, 239



Tritanopia
217, 108, 116

Trichromacy



Original Color

234, 54, 252



Protanomaly

139, 108, 254



Deuteranomaly

133, 111, 244



Tritanomaly

223, 88, 165

Monochromacy



Original Color

234, 54, 252



Achromatopsia

130, 130, 130



Achromatomaly

168, 102, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 54, 252 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(234, 54, 252)` looks like.

```
.text, #text, p{  
    color:rgb(234, 54, 252)  
}
```

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(234, 54, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 54, 252) }
```

Border

The CSS property to change the border of an element to RGB 234, 54, 252 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(234, 54, 252) }
```

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

```
.border{ border-color:rgb(234, 54, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 54, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 54, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 54, 252);  
box-shadow:4px 4px 4px 4px rgb(234, 54,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 234, 54, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 54, 252) }
```

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

```
.background{ background-color: rgb(234, 54,  
252) }
```

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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