

Converting Colors

RGB(139, 54, 238)

Have a look what the booklet for
RGB(139, 54, 238) contains.

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Color

RGB(139, 54, 238)

Conversions

Conversions Part 1	
Format	Color
Hex	8B36EE
RGB	139, 54, 238
RGB Percent	55%, 21%, 93%
CMY	0.4549, 0.7882, 0.0667
CMYK	0.42, 0.77, 0.00, 0.07
HSL	268°, 84%, 57%
HSV	268°, 77%, 93%
XYZ	27.3992, 14.3003, 82.2051
YIQ	100.3910, -8.4040, 75.2440

Conversions

Conversions Part 2

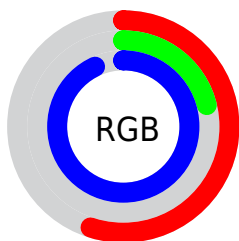
Format	Color
RYB	139, 54, 238
Decimal	9123566
CIELab	44.66, 68.83, -77.53
CIELCh	45, 103.671, 311.599
Yxy	14.3003, 0.2211, 0.1154
Android (android.graphics.Color)	4287313646 (0xFF8B36EE)
YUV	100.3910, 67.8412, 33.8601
Hunter-Lab	37.8158, 63.1536, -102.4152

Details

The RGB color **139, 54, 238** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **153, 238, 54**, and the grayscale version is **100, 100, 100**.

A 20% lighter version of the original color is **199, 110, 255**, and **77, 0, 181** is the 20% darker color. If you saturate the color by 10%, you get **126, 30, 238**, and if you desaturate by 10%, it is **152, 78, 238**.

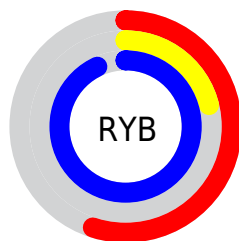
Distribution



Red (55%)

Green (21%)

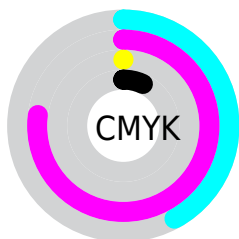
Blue (93%)



Red (55%)

Yellow (21%)

Blue (93%)

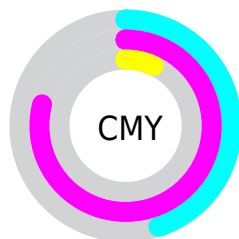


Cyan (42%)

Magenta (77%)

Yellow (0%)

Black (7%)



Cyan (45%)

Magenta (79%)


Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 139, 54, 238 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 139, 54, 238 by changing the saturation by 10% instead.

 139, 54, 238

 139, 54, 238

255, 255, 255

 109, 20, 209

 199, 110, 255

 77, 0, 181


 230, 138, 255

 40, 0, 153

 255, 166, 255

 0, 0, 126

 255, 194, 255

 0, 0, 100

 255, 223, 255

 0, 7, 75

 255, 252, 255

 0, 4, 51

 0, 2, 29

 0, 0, 0

 139, 54, 238

 139, 54, 238


 126, 30, 238


 152, 78, 238

 113, 6, 238

 165, 102, 238

 110, 0, 238

 177, 125, 238

 190, 149, 238

 203, 173, 238

 216, 197, 238

 229, 221, 238

 241, 244, 238

 254, 255, 238

Harmonies

Analogous

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



0, 109, 255



139, 54, 238



225, 0, 162

Triad

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



139, 54, 238



171, 80, 0



0, 137, 139

Complementary

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



139, 54, 238



153, 238, 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, 134, 45



139, 54, 238



99, 113, 0

Square

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



139, 54, 238



223, 0, 0



0, 128, 0



0, 137, 221

Rectangle

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



139, 54, 238



244, 0, 106



0, 128, 0



0, 136, 108

Sweetspot

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



139, 54, 238



223, 196, 255



54, 155, 238



108, 92, 128



0, 0, 0



128, 128, 128

Same Dimension

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



139, 54, 238



127, 18, 255



229, 54, 238



113, 108, 120



85, 0, 184



26, 0, 56

Inverse Universe

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



238, 54, 153



255, 18, 145



63, 238, 54



120, 108, 114



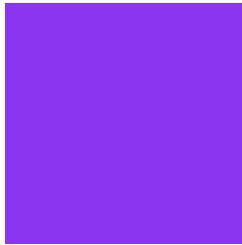
184, 0, 99



56, 0, 30

Previews

White Background



This preview shows how the RGB color 139, 54, 238 looks on a white background.

Color Contrast Check

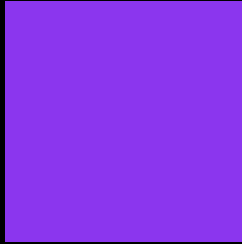
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 139, 54, 238 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 139, 54, 238 Background



This preview shows how black text looks on a background with the RGB color 139, 54, 238.



This preview shows how white text looks on a background with the RGB color 139, 54, 238.

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

139, 54, 238

Protanopia

0, 102, 215

Tritanopia

110, 103, 111

Trichromacy



Original Color

139, 54, 238



Protanomaly

51, 85, 223



Tritanomaly

121, 85, 157

Monochromacy



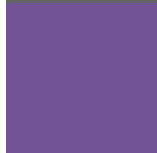
Original Color

139, 54, 238



Achromatopsia

100, 100, 100



Achromatomaly

114, 83, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 139, 54, 238 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(139, 54, 238) looks like.

```
.text, #text, p{  
    color:rgb(139, 54, 238)  
}
```

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(139, 54, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 54, 238) }
```

Border

The CSS property to change the border of an element to RGB 139, 54, 238 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(139, 54, 238) }
```

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

```
.border{ border-color:rgb(139, 54, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 54, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 54, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 54, 238);  
box-shadow:4px 4px 4px 4px rgb(139, 54,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 139, 54, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 54, 238) }
```

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

```
.background{ background-color: rgb(139, 54,  
238) }
```

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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