

Converting Colors

RGB(139, 77, 184)

Have a look what the booklet for
RGB(139, 77, 184) contains.

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Color

RGB(139, 77, 184)

Conversions

Conversions Part 1

Format	Color
Hex	8B4DB8
RGB	139, 77, 184
RGB Percent	55%, 30%, 72%
CMY	0.4549, 0.6980, 0.2784
CMYK	0.24, 0.58, 0.00, 0.28
HSL	275°, 43%, 51%
HSV	275°, 58%, 72%
XYZ	21.9531, 14.2574, 46.9423
YIQ	107.7360, 2.6050, 46.4210

Conversions

Conversions Part 2

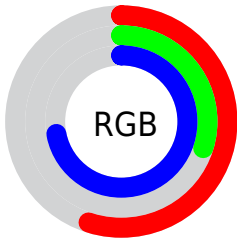
Format	Color
RYB	139, 77, 184
Decimal	9129400
CIELab	44.60, 45.57, -46.61
CIELCh	45, 65.183, 314.356
Yxy	14.2574, 0.2640, 0.1715
Android (android.graphics.Color)	4287319480 (0xFF8B4DB8)
YUV	107.7360, 37.5982, 27.4185
Hunter-Lab	37.7590, 37.7016, -47.2785

Details

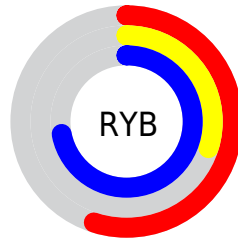
The RGB color **139, 77, 184** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **122, 184, 77**, and the grayscale version is **107, 107, 107**.

A 20% lighter version of the original color is **195, 129, 241**, and **85, 26, 130** is the 20% darker color. If you saturate the color by 10%, you get **131, 59, 184**, and if you desaturate by 10%, it is **147, 95, 184**.

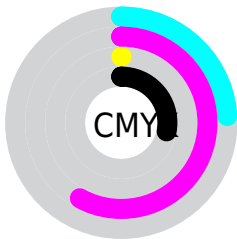
Distribution



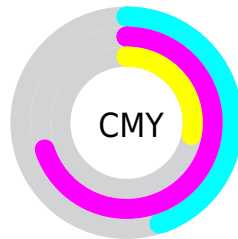
- Red (55%)
- Green (30%)
- Blue (72%)



- Red (55%)
- Yellow (30%)
- Blue (72%)



- Cyan (24%)
- Magenta (58%)
- Yellow (0%)
- Black (28%)



- Cyan (45%)
- Magenta (70%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 139, 77, 184 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, 77, 184 by changing the saturation by 10% instead.

 139, 77, 184

255, 255, 255

 195, 129, 241

 224, 155, 255

 253, 183, 255

 255, 211, 255

 255, 240, 255

 139, 77, 184

 112, 52, 157

 85, 26, 130

 58, 0, 104

 32, 0, 80

 0, 0, 56

 0, 2, 33

 0, 0, 7

 0, 0, 0

 139, 77, 184

 139, 77, 184

■ 131, 59, 184

■ 147, 95, 184

■ 124, 40, 184

■ 154, 114, 184

■ 116, 22, 184

■ 162, 132, 184

■ 108, 3, 184

■ 170, 151, 184

■ 107, 0, 184

■ 178, 169, 184

■ 185, 187, 184

■ 193, 206, 184

■ 201, 224, 184

■ 209, 243, 184

Harmonies

Analogous

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



0, 103, 212



139, 77, 184



187, 46, 136

Triad

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



139, 77, 184



151, 92, 0



0, 129, 131

Complementary

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



139, 77, 184



122, 184, 77

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, 127, 74



139, 77, 184



104, 111, 0

Square

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



139, 77, 184



185, 66, 30



32, 122, 10



0, 127, 181

Rectangle

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



139, 77, 184



199, 36, 100



32, 122, 10



0, 129, 112

Sweetspot

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



139, 77, 184



223, 199, 240



77, 123, 184



110, 96, 120



247, 247, 247



120, 120, 120

Same Dimension

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



139, 77, 184



169, 72, 240



184, 77, 177



88, 83, 92



90, 0, 156



16, 0, 28

Inverse Universe

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



184, 77, 122



240, 72, 142



77, 184, 84



92, 83, 86



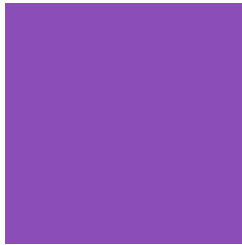
156, 0, 65



28, 0, 12

Previews

White Background



This preview shows how the RGB color 139, 77, 184 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, 77, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

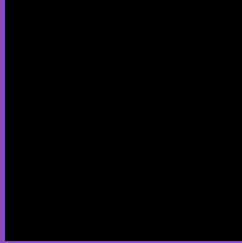
Any Text WCAG AA × Fail

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, 77, 184 Background



This preview shows how black text looks on a background with the RGB color 139, 77, 184.

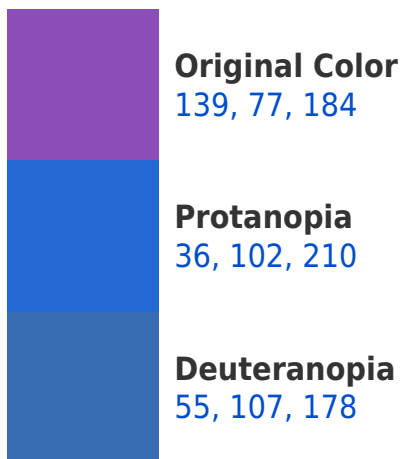


This preview shows how white text looks on a background with the RGB color 139, 77, 184.

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
126, 98, 106

Trichromacy



Original Color
139, 77, 184



Protanomaly
73, 93, 201



Deuteranomaly
86, 96, 180



Tritanomaly
131, 90, 134

Monochromacy



Original Color
139, 77, 184



Achromatopsia
108, 108, 108



Achromatomaly
119, 97, 136

CSS Examples

Text

The CSS property to change the color of the text to RGB 139, 77, 184 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, 77, 184)` looks like.

```
.text, #text, p{  
    color:rgb(139, 77, 184)  
}
```

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, 77, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 77, 184) }
```

Border

The CSS property to change the border of an element to RGB 139, 77, 184 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, 77, 184) }
```

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

```
.border{ border-color:rgb(139, 77, 184) }
```

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

Here you see how a box with a 4 pixel rgb(139, 77, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 77, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 77, 184);  
box-shadow:4px 4px 4px 4px rgb(139, 77,  
184) }
```

Background

The CSS property to change the background color of an element to RGB 139, 77, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 77, 184) }
```

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

```
.background{ background-color: rgb(139, 77,  
184) }
```

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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