

Converting Colors

`RYB(139, 64, 135)`

Have a look what the booklet for
RYB(139, 64, 135) contains.

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Color

R_YB(139, 64, 135)

Conversions

Conversions Part 1

Format	Color
Hex	8B4087
RGB	139, 64, 135
RGB Percent	55%, 25%, 53%
CMY	0.4549, 0.7490, 0.4706
CMYK	0.00, 0.54, 0.03, 0.45
HSL	303°, 37%, 40%
HSV	303°, 54%, 55%
XYZ	16.8540, 10.9050, 24.1382
YIQ	94.5190, 21.9090, 37.9810

Conversions

Conversions Part 2

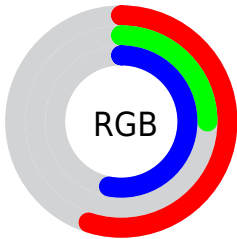
Format	Color
R_{YB}	139, 64, 135
Decimal	9126023
CIE _{Lab}	39.42, 42.02, -25.49
CIE _{LCh}	39, 49.152, 328.759
Yxy	10.9050, 0.3248, 0.2101
Android (android.graphics.Color)	4287316103 (0xFF8B4087)
YUV	94.5190, 19.9571, 39.0098
Hunter-Lab	33.0228, 33.3123, -20.2226

Details

The RYB color **139, 64, 135** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **64, 135, 139**, and the grayscale version is **94, 94, 94**.

A 20% lighter version of the original color is **194, 115, 189**, and **86, 9, 85** is the 20% darker color. If you saturate the color by 10%, you get **139, 50, 134**, and if you desaturate by 10%, it is **139, 78, 136**.

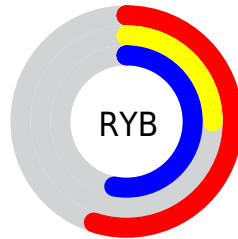
Distribution



Red (55%)

Green (25%)

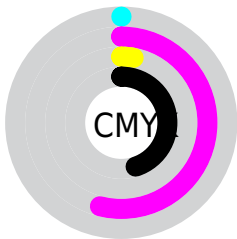
Blue (53%)



Red (55%)

Yellow (25%)

Blue (53%)

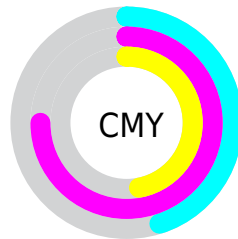


Cyan (0%)

Magenta (54%)

Yellow (3%)

Black (45%)



Cyan (45%)

Magenta (75%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 64, 135 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 RYB color 139, 64, 135 by changing the saturation by 10% instead.



139, 64, 135



139, 64, 135

255, 255, 255



112, 39, 109



194, 115, 189



86, 9, 85



223, 142, 216



61, 0, 61



252, 169, 245



41, 0, 40



255, 197, 255



0, 1, 16



255, 225, 255



0, 0, 0

255, 254, 255



139, 64, 135



139, 64, 135



139, 50, 134



139, 78, 136

 139, 36, 134

 139, 92, 136

 139, 22, 133

 139, 106, 137

 139, 8, 132

 139, 120, 138

 139, 0, 132

 139, 133, 139

 139, 147, 147

 139, 160, 161

 139, 173, 175

 139, 186, 189

Harmonies

Analogous

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



88, 83, 164



139, 64, 135



162, 51, 96

Triad

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



139, 64, 135



29, 113, 0



0, 60, 130

Complementary

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



139, 64, 135



64, 135, 139

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, 61, 111



139, 64, 135



9, 102, 37

Square

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



139, 64, 135



144, 114, 21



0, 74, 108



0, 64, 161

Rectangle

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



139, 64, 135



164, 53, 70



0, 74, 108



0, 57, 117

Sweetspot

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



139, 64, 135



181, 152, 180



68, 64, 139



92, 74, 91



219, 219, 219



92, 92, 92

Same Dimension

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



139, 64, 135



181, 63, 175



139, 64, 98



69, 62, 68



133, 0, 126



5, 0, 5

Inverse Universe

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



139, 64, 135



181, 63, 175



64, 112, 139



69, 62, 68



133, 0, 126



5, 0, 5

Previews

White Background



This preview shows how the RYB color 139, 64, 135 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 RYB color 139, 64, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

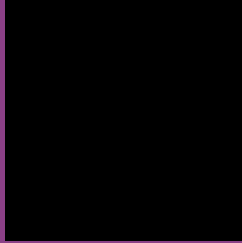
Any Text WCAG AA × Fail

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, 64, 135 Background



This preview shows how black text looks on a background with the RGB color 139, 64, 135.

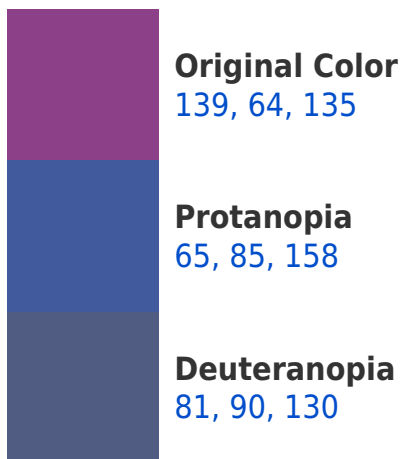


This preview shows how white text looks on a background with the RGB color 139, 64, 135.

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
133, 77, 83

Trichromacy



Original Color

139, 64, 135

Protanomaly

92, 81, 150

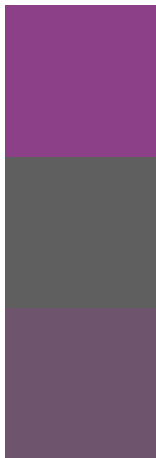
Deuteranomaly

102, 82, 132

Tritanomaly

135, 72, 102

Monochromacy



Original Color

139, 64, 135

Achromatopsia

95, 95, 95

Achromatomaly

111, 84, 110

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 64, 135 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, 64, 135)` looks like.

```
.text, #text, p{  
    color:rgb(139, 64, 135)  
}
```

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, 64, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 64, 135) }
```

Border

The CSS property to change the border of an element to RYB 139, 64, 135 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, 64, 135) }
```

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

```
.border{ border-color:rgb(139, 64, 135) }
```

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

Here you see how a box with a 4 pixel rgb(139, 64, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 64, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 64, 135);  
box-shadow:4px 4px 4px 4px rgb(139, 64,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 139, 64, 135 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 64, 135) }
```

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

```
.background{ background-color: rgb(139, 64,  
135) }
```

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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