

Converting Colors

RGB(137, 65, 175)

Have a look what the booklet for
RGB(137, 65, 175) contains.

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Color

RGB(137, 65, 175)

Conversions

Conversions Part 1

Format	Color
Hex	8941AF
RGB	137, 65, 175
RGB Percent	54%, 25%, 69%
CMY	0.4627, 0.7451, 0.3137
CMYK	0.22, 0.63, 0.00, 0.31
HSL	279°, 46%, 47%
HSV	279°, 63%, 69%
XYZ	19.9447, 12.1941, 41.8599
YIQ	99.0680, 7.6020, 49.4740

Conversions

Conversions Part 2

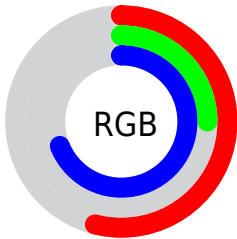
Format	Color
R_{YB}	137, 65, 175
Decimal	8995247
CIE _{Lab}	41.52, 49.18, -46.25
CIE _{LCh}	42, 67.508, 316.758
Yxy	12.1941, 0.2695, 0.1648
Android (android.graphics.Color)	4287185327 (0xFF8941AF)
YUV	99.0680, 37.4345, 33.2664
Hunter-Lab	34.9201, 40.8407, -46.6290

Details

The RGB color **137, 65, 175** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **103, 175, 65**, and the grayscale version is **99, 99, 99**.

A 20% lighter version of the original color is **193, 117, 231**, and **83, 7, 122** is the 20% darker color. If you saturate the color by 10%, you get **131, 47, 175**, and if you desaturate by 10%, it is **143, 83, 175**.

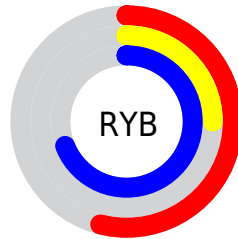
Distribution



Red (54%)

Green (25%)

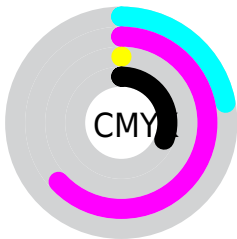
Blue (69%)



Red (54%)

Yellow (25%)

Blue (69%)

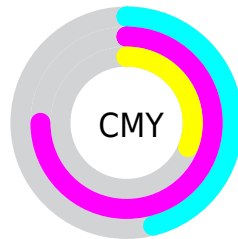


Cyan (22%)

Magenta (63%)

Yellow (0%)

Black (31%)



Cyan (46%)

Magenta (75%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 65, 175 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 137, 65, 175 by changing the saturation by 10% instead.

■ 137, 65, 175

255, 255, 255

■ 193, 117, 231

■ 222, 144, 255

■ 251, 171, 255

■ 255, 199, 255

■ 255, 228, 255

■ 137, 65, 175

■ 110, 39, 148

■ 83, 7, 122

■ 56, 0, 96

■ 33, 0, 72

■ 0, 0, 48

■ 0, 1, 26

■ 0, 0, 0

■ 137, 65, 175

■ 131, 47, 175

■ 137, 65, 175


■ 143, 83, 175


 125, 30, 175


 149, 100, 175

 119, 12, 175

 155, 118, 175

 115, 0, 175

 161, 135, 175

 167, 153, 175

 173, 170, 175

 179, 187, 175

 185, 205, 175

 191, 223, 175

Harmonies

Analogous

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



0, 94, 206



137, 65, 175



183, 25, 125

Triad

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



137, 65, 175



140, 87, 0



0, 121, 129

Complementary

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



137, 65, 175



103, 175, 65

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, 120, 70



137, 65, 175



91, 105, 0

Square

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



137, 65, 175



176, 58, 13



0, 115, 0



0, 120, 179

Rectangle

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



137, 65, 175



193, 9, 88



0, 115, 0



0, 121, 110

Sweetspot

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



137, 65, 175



212, 184, 227



65, 104, 175



106, 88, 115



242, 242, 242



115, 115, 115

Same Dimension

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



137, 65, 175



168, 57, 227



175, 65, 159



84, 78, 87



98, 0, 150



15, 0, 23

Inverse Universe

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



175, 65, 103



227, 57, 116



65, 175, 82



87, 78, 81



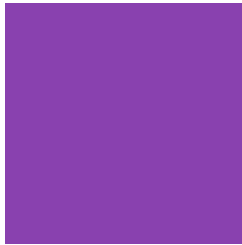
150, 0, 52



23, 0, 8

Previews

White Background



This preview shows how the RGB color 137, 65, 175 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 137, 65, 175 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 137, 65, 175 Background



This preview shows how black text looks on a background with the RGB color 137, 65, 175.

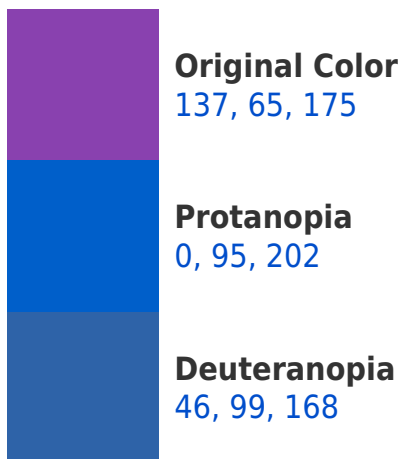


This preview shows how white text looks on a background with the RGB color 137, 65, 175.

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

124, 88, 95

Trichromacy



Original Color

137, 65, 175



Protanomaly

50, 84, 192



Deuteranomaly

79, 87, 171



Tritanomaly

129, 80, 124

Monochromacy



Original Color

137, 65, 175



Achromatopsia

99, 99, 99



Achromatomaly

113, 87, 127

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 65, 175 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(137, 65, 175)` looks like.

```
.text, #text, p{  
    color:rgb(137, 65, 175)  
}
```

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(137, 65, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 65, 175) }
```

Border

The CSS property to change the border of an element to RGB 137, 65, 175 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(137, 65, 175) }
```

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

```
.border{ border-color:rgb(137, 65, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 65, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 65, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 65, 175);  
box-shadow:4px 4px 4px 4px rgb(137, 65,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 137, 65, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 65, 175) }
```

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

```
.background{ background-color: rgb(137, 65,  
175) }
```

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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