

Converting Colors

RGB(137, 65, 110)

Have a look what the booklet for
RGB(137, 65, 110) contains.

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Color

RGB(137, 65, 110)

Conversions

Conversions Part 1

Format	Color
Hex	89416E
RGB	137, 65, 110
RGB Percent	54%, 25%, 43%
CMY	0.4627, 0.7451, 0.5686
CMYK	0.00, 0.53, 0.20, 0.46
HSL	322°, 36%, 40%
HSV	322°, 53%, 54%
XYZ	15.0213, 10.2247, 15.9337
YIQ	91.6580, 28.4670, 29.2590

Conversions

Conversions Part 2

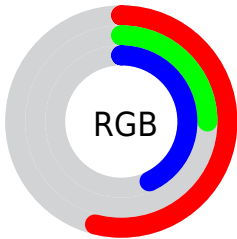
Format	Color
R_{YB}	137, 65, 110
Decimal	8995182
CIE _{Lab}	38.24, 36.52, -11.87
CIE _{LCh}	38, 38.405, 341.994
Yxy	10.2247, 0.3648, 0.2483
Android (android.graphics.Color)	4287185262 (0xFF89416E)
YUV	91.6580, 9.0426, 39.7649
Hunter-Lab	31.9762, 27.8949, -7.1609

Details

The RGB color **137, 65, 110** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **65, 137, 92**, and the grayscale version is **92, 92, 92**.

A 20% lighter version of the original color is **192, 116, 162**, and **85, 14, 62** is the 20% darker color. If you saturate the color by 10%, you get **137, 51, 105**, and if you desaturate by 10%, it is **137, 79, 115**.

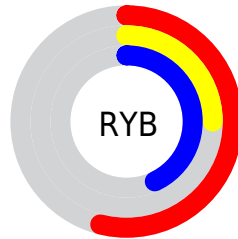
Distribution



Red (54%)

Green (25%)

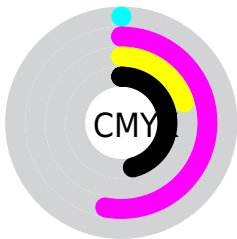
Blue (43%)



Red (54%)

Yellow (25%)

Blue (43%)

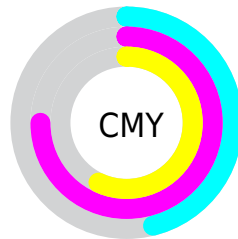


Cyan (0%)

Magenta (53%)

Yellow (20%)

Black (46%)



Cyan (46%)


Magenta (75%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the RGB color 137, 65, 110 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, 110 by changing the saturation by 10% instead.

 137, 65, 110


 137, 65, 110

255, 255, 255


 110, 40, 86

 192, 116, 162

 85, 14, 62

 221, 142, 189

 60, 0, 40

 250, 169, 216

 38, 0, 20

 255, 197, 245

 0, 0, 0

 255, 225, 255

255, 254, 255

 137, 65, 110

 137, 65, 110

 137, 51, 105

 137, 79, 115

■ 137, 38, 100

■ 137, 92, 120

■ 137, 24, 95

■ 137, 106, 125

■ 137, 10, 89

■ 137, 120, 131

■ 137, 0, 86

■ 137, 133, 136

■ 137, 147, 141

■ 137, 161, 146

■ 137, 175, 151

■ 137, 188, 156

Harmonies

Analogous

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



108, 77, 137



137, 65, 110



147, 62, 79

Triad

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



137, 65, 110



95, 92, 24



0, 104, 131

Complementary

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



137, 65, 110



65, 137, 92

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, 105, 102



137, 65, 110



61, 100, 41

Square

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



137, 65, 110



122, 82, 29



0, 104, 70



0, 99, 149

Rectangle

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



137, 65, 110



145, 66, 59



0, 104, 70



0, 105, 122

Sweetspot

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



137, 65, 110



179, 150, 168



91, 65, 137



89, 72, 83



217, 217, 217



89, 89, 89

Same Dimension

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



137, 65, 110



179, 66, 136



137, 65, 75



69, 62, 66



133, 0, 83



5, 0, 3

Inverse Universe

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



137, 65, 110



179, 66, 136



65, 137, 127



69, 62, 66



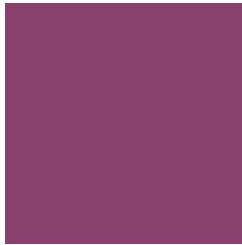
133, 0, 83



5, 0, 3

Previews

White Background



This preview shows how the RGB color 137, 65, 110 looks on a white background.

Color Contrast Check

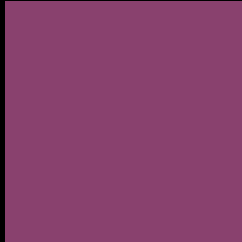
Large Text (above 18pt) WCAG AA ✓ Pass

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, 110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

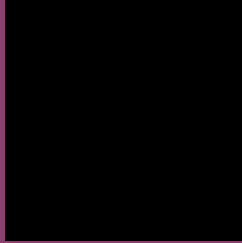
Any Text WCAG AA × Fail

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, 110 Background



This preview shows how black text looks on a background with the RGB color 137, 65, 110.



This preview shows how white text looks on a background with the RGB color 137, 65, 110.

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
137, 65, 110

Protanopia
79, 89, 128

Deuteranopia
92, 88, 106



Tritanopia
134, 72, 77

Trichromacy



Original Color

137, 65, 110

Protanomaly

100, 80, 121

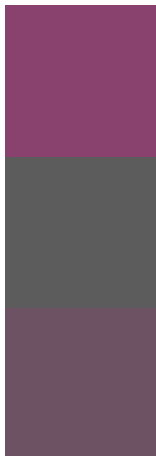
Deuteranomaly

108, 80, 107

Tritanomaly

135, 69, 89

Monochromacy



Original Color

137, 65, 110

Achromatopsia

92, 92, 92

Achromatomaly

108, 82, 99

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 65, 110 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, 110)` looks like.

```
.text, #text, p{  
    color:rgb(137, 65, 110)  
}
```

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, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 65, 110) }
```

Border

The CSS property to change the border of an element to RGB 137, 65, 110 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, 110) }
```

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

```
.border{ border-color:rgb(137, 65, 110) }
```

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, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 65, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 65, 110);  
box-shadow:4px 4px 4px 4px rgb(137, 65,  
110) }
```

Background

The CSS property to change the background color of an element to RGB 137, 65, 110 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, 110) }
```

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

```
.background{ background-color: rgb(137, 65,  
110) }
```

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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