

Converting Colors

RGB(137, 70, 125)

Have a look what the booklet for
RGB(137, 70, 125) contains.

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Color

RGB(137, 70, 125)

Conversions

Conversions Part 1

Format	Color
Hex	89467D
RGB	137, 70, 125
RGB Percent	54%, 27%, 49%
CMY	0.4627, 0.7255, 0.5098
CMYK	0.00, 0.49, 0.09, 0.46
HSL	311°, 32%, 41%
HSV	311°, 49%, 54%
XYZ	16.2084, 11.1794, 20.7056
YIQ	96.3030, 22.2770, 31.3090

Conversions

Conversions Part 2

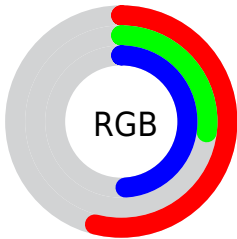
Format	Color
R _Y B	137, 70, 125
Decimal	8996477
CIE Lab	39.88, 36.40, -18.66
CIE LCh	40, 40.910, 332.856
Yxy	11.1794, 0.3370, 0.2325
Android (android.graphics.Color)	4287186557 (0xFF89467D)
YUV	96.3030, 14.1476, 35.6913
Hunter-Lab	33.4355, 28.0183, -13.3116

Details

The RGB color **137, 70, 125** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **70, 137, 82**, and the grayscale version is **96, 96, 96**.

A 20% lighter version of the original color is **192, 121, 178**, and **85, 20, 76** is the 20% darker color. If you saturate the color by 10%, you get **137, 56, 123**, and if you desaturate by 10%, it is **137, 84, 127**.

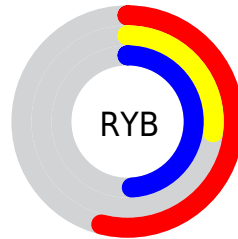
Distribution



Red (54%)

Green (27%)

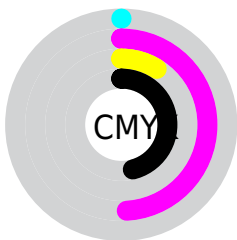
Blue (49%)



Red (54%)

Yellow (27%)

Blue (49%)

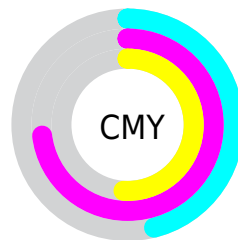


Cyan (0%)

Magenta (49%)

Yellow (9%)

Black (46%)



Cyan (46%)

Magenta (73%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 70, 125 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, 70, 125 by changing the saturation by 10% instead.



137, 70, 125



137, 70, 125

255, 255, 255



111, 45, 100



192, 121, 178



85, 20, 76



220, 147, 205



60, 0, 53



249, 174, 234



41, 0, 32



255, 202, 255



0, 0, 3



255, 230, 255



0, 0, 0



137, 70, 125



137, 70, 125



137, 56, 123



137, 84, 127



137, 43, 120



137, 97, 130

■ 137, 29, 118

■ 137, 111, 132

■ 137, 15, 115

■ 137, 125, 135

■ 137, 2, 113

■ 137, 139, 137

■ 137, 0, 112

■ 137, 152, 140

■ 137, 166, 142

■ 137, 180, 145

■ 137, 193, 147

Harmonies

Analogous

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



99, 84, 150



137, 70, 125



154, 63, 92

Triad

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



137, 70, 125



109, 93, 21



0, 109, 129

Complementary

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



137, 70, 125



70, 137, 82

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, 110, 96



137, 70, 125



75, 102, 34

Square

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



137, 70, 125



136, 81, 33



20, 108, 62



0, 105, 153

Rectangle

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



137, 70, 125



154, 65, 70



20, 108, 62



0, 110, 119

Sweetspot

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



137, 70, 125



179, 152, 174



81, 70, 137



89, 73, 86



217, 217, 217



89, 89, 89

Same Dimension

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



137, 70, 125



179, 73, 160



137, 70, 92



69, 62, 68



133, 0, 109



5, 0, 4

Inverse Universe

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



137, 70, 125



179, 73, 160



70, 137, 115



69, 62, 68



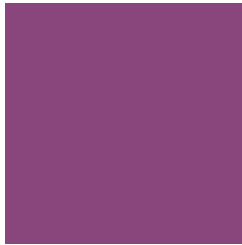
133, 0, 109



5, 0, 4

Previews

White Background



This preview shows how the RGB color 137, 70, 125 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, 70, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

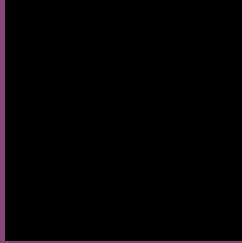
Any Text WCAG AA × Fail

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, 70, 125 Background



This preview shows how black text looks on a background with the RGB color 137, 70, 125.



This preview shows how white text looks on a background with the RGB color 137, 70, 125.

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, 70, 125

Protanopia
77, 93, 143

Deuteranopia
90, 93, 121



Tritanopia
132, 79, 85

Trichromacy



Original Color

137, 70, 125

Protanomaly

99, 85, 136

Deuteranomaly

107, 85, 122

Tritanomaly

134, 76, 100

Monochromacy



Original Color

137, 70, 125

Achromatopsia

96, 96, 96

Achromatomaly

111, 87, 107

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 70, 125 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, 70, 125)` looks like.

```
.text, #text, p{  
    color:rgb(137, 70, 125)  
}
```

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, 70, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 70, 125) }
```

Border

The CSS property to change the border of an element to RGB 137, 70, 125 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, 70, 125) }
```

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

```
.border{ border-color:rgb(137, 70, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 70, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 70, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 70, 125); box-shadow:4px 4px 4px 4px rgb(137, 70, 125) }
```

Background

The CSS property to change the background color of an element to RGB 137, 70, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 70, 125) }
```

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

```
.background{ background-color: rgb(137, 70,  
125) }
```

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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