

Converting Colors

RGB(109, 88, 137)

Have a look what the booklet for
RGB(109, 88, 137) contains.

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Color

RGB(109, 88, 137)

Conversions

Conversions Part 1

Format	Color
Hex	6D5889
RGB	109, 88, 137
RGB Percent	43%, 35%, 54%
CMY	0.5725, 0.6549, 0.4627
CMYK	0.20, 0.36, 0.00, 0.46
HSL	266°, 22%, 44%
HSV	266°, 36%, 54%
XYZ	14.3118, 12.0368, 25.2359
YIQ	99.8650, -3.2130, 19.6910

Conversions

Conversions Part 2

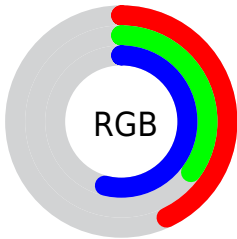
Format	Color
R_{YB}	109, 88, 137
Decimal	7166089
CIE _{Lab}	41.27, 19.13, -24.10
CIE _{LCh}	41, 30.773, 308.440
Yxy	12.0368, 0.2774, 0.2333
Android (android.graphics.Color)	4285356169 (0xFF6D5889)
YUV	99.8650, 18.3076, 8.0114
Hunter-Lab	34.6941, 12.9189, -18.8407

Details

The RGB color **109, 88, 137** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **116, 137, 88**, and the grayscale version is **100, 100, 100**.

A 20% lighter version of the original color is **161, 138, 191**, and **60, 42, 87** is the 20% darker color. If you saturate the color by 10%, you get **101, 74, 137**, and if you desaturate by 10%, it is **117, 102, 137**.

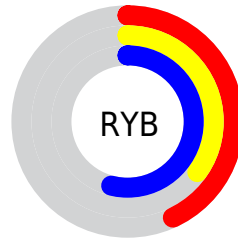
Distribution



Red (43%)

Green (35%)

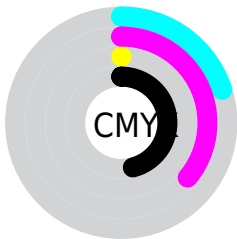
Blue (54%)



Red (43%)

Yellow (35%)

Blue (54%)

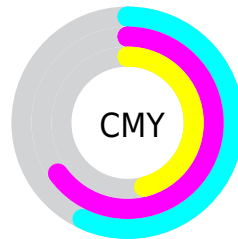


Cyan (20%)

Magenta (36%)

Yellow (0%)

Black (46%)



Cyan (57%)

Magenta (65%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 109, 88, 137 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 109, 88, 137 by changing the saturation by 10% instead.



109, 88, 137



109, 88, 137

255, 255, 255



84, 64, 111



161, 138, 191



60, 42, 87



189, 165, 218



37, 21, 63



217, 192, 247



19, 0, 41



245, 220, 255



0, 1, 19



255, 248, 255



0, 0, 0



109, 88, 137



109, 88, 137



101, 74, 137



117, 102, 137



93, 61, 137



125, 115, 137

86, 47, 137

132, 129, 137

78, 33, 137

140, 143, 137

70, 19, 137

148, 156, 137

62, 6, 137

156, 170, 137

59, 0, 137

164, 184, 137

172, 198, 137

179, 211, 137

Harmonies

Analogous

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



69, 98, 147



109, 88, 137



134, 80, 116

Triad

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



109, 88, 137



128, 89, 50



0, 110, 104

Complementary

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



109, 88, 137



116, 137, 88

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.



45, 109, 78



109, 88, 137



106, 98, 46

Square

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



109, 88, 137



142, 81, 67



79, 105, 57



0, 109, 128

Rectangle

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



109, 88, 137



143, 77, 100



79, 105, 57



0, 110, 95

Sweetspot

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



109, 88, 137



167, 159, 179



88, 117, 137



83, 78, 89



217, 217, 217



89, 89, 89

Same Dimension

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



109, 88, 137



135, 102, 179



133, 88, 137



65, 62, 69



57, 0, 133



2, 0, 5

Inverse Universe

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



137, 88, 116



179, 102, 146



92, 137, 88



69, 62, 66



133, 0, 76



5, 0, 3

Previews

White Background



This preview shows how the RGB color 109, 88, 137 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 109, 88, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

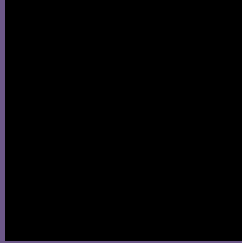
Any Text WCAG AA × Fail

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 109, 88, 137 Background



This preview shows how black text looks on a background with the RGB color 109, 88, 137.



This preview shows how white text looks on a background with the RGB color 109, 88, 137.

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

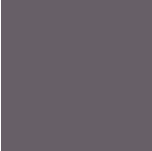
109, 88, 137

Protanopia

82, 96, 143

Deuteranopia

85, 96, 135



Tritanopia
103, 95, 103

Trichromacy



Original Color

109, 88, 137

Protanomaly

92, 93, 141

Deuteranomaly

94, 93, 136

Tritanomaly

105, 92, 115

Monochromacy



Original Color

109, 88, 137

Achromatopsia

100, 100, 100

Achromatomaly

103, 96, 113

CSS Examples

Text

The CSS property to change the color of the text to RGB 109, 88, 137 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(109, 88, 137)` looks like.

```
.text, #text, p{  
    color:rgb(109, 88, 137)  
}
```

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(109, 88, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 88, 137) }
```

Border

The CSS property to change the border of an element to RGB 109, 88, 137 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(109, 88, 137) }
```

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

```
.border{ border-color:rgb(109, 88, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 88, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 88, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 88, 137);  
box-shadow:4px 4px 4px 4px rgb(109, 88,  
137) }
```

Background

The CSS property to change the background color of an element to RGB 109, 88, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 88, 137) }
```

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

```
.background{ background-color: rgb(109, 88,  
137) }
```

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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