

Converting Colors

RGB(108, 87, 139)

Have a look what the booklet for
RGB(108, 87, 139) contains.

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Color

RGB(108, 87, 139)

Conversions

Conversions Part 1

Format	Color
Hex	6C578B
RGB	108, 87, 139
RGB Percent	42%, 34%, 55%
CMY	0.5765, 0.6588, 0.4549
CMYK	0.22, 0.37, 0.00, 0.45
HSL	264°, 23%, 44%
HSV	264°, 37%, 55%
XYZ	14.2527, 11.8686, 25.9658
YIQ	99.2070, -4.1760, 20.6240

Conversions

Conversions Part 2

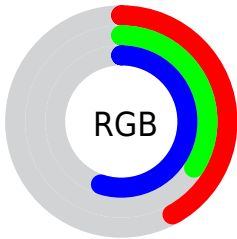
Format	Color
R_{YB}	108, 87, 139
Decimal	7100299
CIE _{Lab}	41.01, 19.92, -25.74
CIE _{LCh}	41, 32.546, 307.738
Yxy	11.8686, 0.2736, 0.2279
Android (android.graphics.Color)	4285290379 (0xFF6C578B)
YUV	99.2070, 19.6179, 7.7115
Hunter-Lab	34.4509, 13.5586, -20.5715

Details

The RGB color **108, 87, 139** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **118, 139, 87**, and the grayscale version is **99, 99, 99**.

A 20% lighter version of the original color is **160, 137, 193**, and **59, 41, 89** is the 20% darker color. If you saturate the color by 10%, you get **100, 73, 139**, and if you desaturate by 10%, it is **116, 101, 139**.

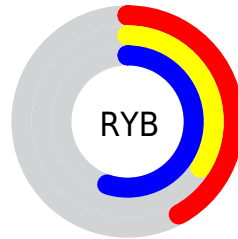
Distribution



Red (42%)

Green (34%)

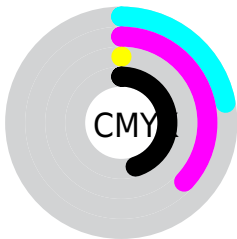
Blue (55%)



Red (42%)

Yellow (34%)

Blue (55%)

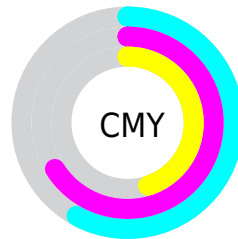


Cyan (22%)

Magenta (37%)

Yellow (0%)

Black (45%)



Cyan (58%)

Magenta (66%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 108, 87, 139 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 108, 87, 139 by changing the saturation by 10% instead.



108, 87, 139



108, 87, 139

255, 255, 255



83, 64, 113



160, 137, 193



59, 41, 89



188, 163, 221



36, 20, 65



216, 191, 249



18, 0, 43



244, 218, 255



0, 1, 21



255, 247, 255



0, 0, 0



108, 87, 139



108, 87, 139



100, 73, 139



116, 101, 139



91, 59, 139



125, 115, 139

83, 45, 139

133, 129, 139

75, 31, 139

141, 143, 139

67, 18, 139

149, 157, 139

58, 4, 139

158, 170, 139

56, 0, 139

166, 184, 139

174, 198, 139

183, 212, 139

Harmonies

Analogous

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



65, 97, 149



108, 87, 139



135, 78, 117

Triad

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



108, 87, 139



129, 88, 47



0, 110, 103

Complementary

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



108, 87, 139



118, 139, 87

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.



40, 109, 76



108, 87, 139



106, 97, 42

Square

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



108, 87, 139



144, 79, 65



78, 105, 53



0, 109, 129

Rectangle

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



108, 87, 139



145, 75, 100



78, 105, 53



0, 110, 94

Sweetspot

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



108, 87, 139



169, 161, 181



87, 118, 139



85, 80, 92



219, 219, 219



92, 92, 92

Same Dimension

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



108, 87, 139



132, 100, 181



134, 87, 139



65, 62, 69



54, 0, 133



2, 0, 5

Inverse Universe

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



139, 87, 118



181, 100, 148



92, 139, 87



69, 62, 66



133, 0, 79



5, 0, 3

Previews

White Background



This preview shows how the RGB color 108, 87, 139 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 108, 87, 139 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 108, 87, 139 Background



This preview shows how black text looks on a background with the RGB color 108, 87, 139.

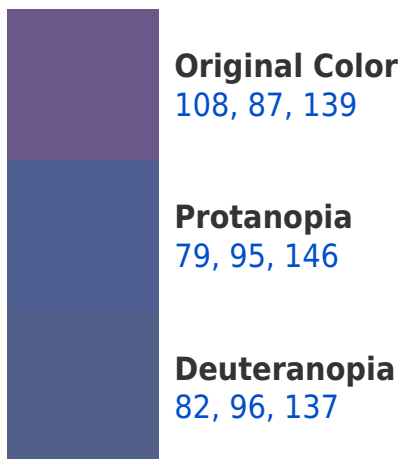



This preview shows how white text looks on a background with the RGB color 108, 87, 139.

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
101, 95, 102

Trichromacy



Original Color

108, 87, 139

Protanomaly

90, 92, 143

Deuteranomaly

91, 93, 138

Tritanomaly

104, 92, 115

Monochromacy



Original Color

108, 87, 139

Achromatopsia

99, 99, 99

Achromatomaly

102, 95, 114

CSS Examples

Text

The CSS property to change the color of the text to RGB 108, 87, 139 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(108, 87, 139) looks like.

```
.text, #text, p{  
    color:rgb(108, 87, 139)  
}
```

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(108, 87, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 87, 139) }
```

Border

The CSS property to change the border of an element to RGB 108, 87, 139 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(108, 87, 139) }
```

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

```
.border{ border-color:rgb(108, 87, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 87, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 87, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 87, 139);  
box-shadow:4px 4px 4px 4px rgb(108, 87,  
139) }
```

Background

The CSS property to change the background color of an element to RGB 108, 87, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 87, 139) }
```

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

```
.background{ background-color: rgb(108, 87,  
139) }
```

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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