

Converting Colors

RGB(117, 89, 128)

Have a look what the booklet for
RGB(117, 89, 128) contains.

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Color

RGB(117, 89, 128)

Conversions

Conversions Part 1

Format	Color
Hex	755980
RGB	117, 89, 128
RGB Percent	46%, 35%, 50%
CMY	0.5412, 0.6510, 0.4980
CMYK	0.09, 0.30, 0.00, 0.50
HSL	283°, 18%, 43%
HSV	283°, 30%, 50%
XYZ	14.8048, 12.4852, 22.0517
YIQ	101.8180, 4.1690, 18.0650

Conversions

Conversions Part 2

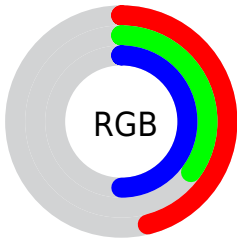
Format	Color
R_{YB}	117, 89, 128
Decimal	7690624
CIE _{Lab}	41.98, 19.12, -17.49
CIE _{LCh}	42, 25.915, 317.553
Yxy	12.4852, 0.3000, 0.2530
Android (android.graphics.Color)	4285880704 (0xFF755980)
YUV	101.8180, 12.9077, 13.3146
Hunter-Lab	35.3344, 12.9547, -12.2680

Details

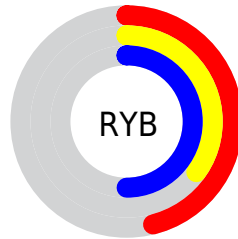
The RGB color **117, 89, 128** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **100, 128, 89**, and the grayscale version is **102, 102, 102**.

A 20% lighter version of the original color is **170, 139, 181**, and **68, 43, 79** is the 20% darker color. If you saturate the color by 10%, you get **113, 76, 128**, and if you desaturate by 10%, it is **121, 102, 128**.

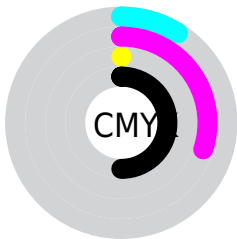
Distribution



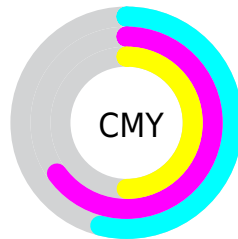
- Red (46%)
- Green (35%)
- Blue (50%)



- Red (46%)
- Yellow (35%)
- Blue (50%)



- Cyan (9%)
- Magenta (30%)
- Yellow (0%)
- Black (50%)



- Cyan (54%)
- Magenta (65%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 89, 128 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 117, 89, 128 by changing the saturation by 10% instead.



117, 89, 128



117, 89, 128

255, 255, 255



92, 65, 103



170, 139, 181



68, 43, 79



197, 166, 209



45, 22, 56



225, 193, 237



27, 0, 34



254, 221, 255



0, 0, 9



255, 250, 255



0, 0, 0



117, 89, 128



117, 89, 128



113, 76, 128



121, 102, 128



110, 63, 128



124, 115, 128

106, 51, 128

128, 127, 128

103, 38, 128

131, 140, 128

99, 25, 128

135, 153, 128

95, 12, 128

139, 166, 128

92, 0, 128

142, 179, 128

146, 191, 128

149, 204, 128

Harmonies

Analogous

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



88, 97, 140



117, 89, 128



135, 83, 109

Triad

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



117, 89, 128



121, 95, 57



14, 110, 111

Complementary

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



117, 89, 128



100, 128, 89

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.



49, 110, 89



117, 89, 128



100, 102, 58

Square

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



117, 89, 128



135, 87, 68



76, 107, 70



9, 108, 130

Rectangle

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



117, 89, 128



140, 82, 94



76, 107, 70



27, 110, 104

Sweetspot

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



117, 89, 128



162, 151, 166



89, 100, 128



82, 75, 84



212, 212, 212



84, 84, 84

Same Dimension

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



117, 89, 128



148, 104, 166



128, 89, 120



62, 57, 64



92, 0, 128



0, 0, 0

Inverse Universe

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



128, 89, 100



166, 104, 122



89, 128, 97



64, 57, 59



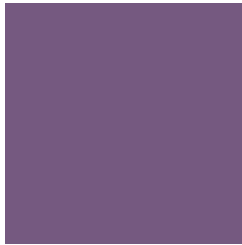
128, 0, 36



0, 0, 0

Previews

White Background



This preview shows how the RGB color 117, 89, 128 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 117, 89, 128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

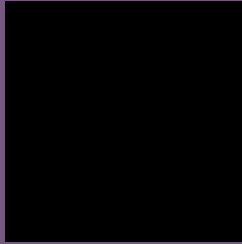
Any Text WCAG AA × Fail

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 117, 89, 128 Background



This preview shows how black text looks on a background with the RGB color 117, 89, 128.



This preview shows how white text looks on a background with the RGB color 117, 89, 128.

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


117, 89, 128

Protanopia

89, 98, 135

Deuteranopia

95, 97, 126



Tritanopia
113, 94, 101

Trichromacy



Original Color

117, 89, 128

Protanomaly

99, 95, 132

Deuteranomaly

103, 94, 127

Tritanomaly

114, 92, 111

Monochromacy



Original Color

117, 89, 128

Achromatopsia

102, 102, 102

Achromatomaly

107, 97, 111

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 89, 128 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(117, 89, 128)` looks like.

```
.text, #text, p{  
    color:rgb(117, 89, 128)  
}
```

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(117, 89, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 89, 128) }
```

Border

The CSS property to change the border of an element to RGB 117, 89, 128 is called "border". The border property can be set on classes, ids or directly on the HTML element.

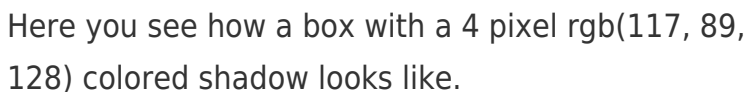
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 89, 128) }
```

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

```
.border{ border-color:rgb(117, 89, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 89, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 89, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 89, 128); box-shadow:4px 4px 4px 4px rgb(117, 89, 128) }
```

Background

The CSS property to change the background color of an element to RGB 117, 89, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 89, 128) }
```

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

```
.background{ background-color: rgb(117, 89,  
128) }
```

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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