

Converting Colors

RGB(112, 86, 136)

Have a look what the booklet for
RGB(112, 86, 136) contains.

RGB(112, 86, 136)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(112, 86, 136)

Conversions

Conversions Part 1

Format	Color
Hex	705688
RGB	112, 86, 136
RGB Percent	44%, 34%, 53%
CMY	0.5608, 0.6627, 0.4667
CMYK	0.18, 0.37, 0.00, 0.47
HSL	271°, 23%, 44%
HSV	271°, 37%, 53%
XYZ	14.4538, 11.8779, 24.8234
YIQ	99.4740, -0.5540, 21.0620

Conversions

Conversions Part 2

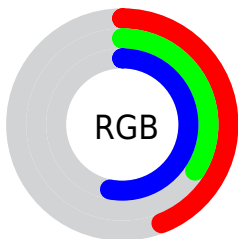
Format	Color
R_{YB}	112, 86, 136
Decimal	7362184
CIE _{Lab}	41.02, 21.10, -23.87
CIE _{LCh}	41, 31.856, 311.479
Yxy	11.8779, 0.2825, 0.2322
Android (android.graphics.Color)	4285552264 (0xFF705688)
YUV	99.4740, 18.0073, 10.9853
Hunter-Lab	34.4643, 14.5476, -18.5794

Details

The RGB color **112, 86, 136** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **110, 136, 86**, and the grayscale version is **99, 99, 99**.

A 20% lighter version of the original color is **165, 136, 190**, and **63, 40, 86** is the 20% darker color. If you saturate the color by 10%, you get **105, 72, 136**, and if you desaturate by 10%, it is **119, 100, 136**.

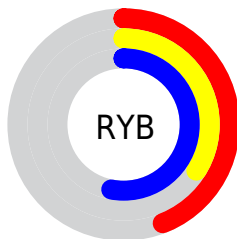
Distribution



Red (44%)

Green (34%)

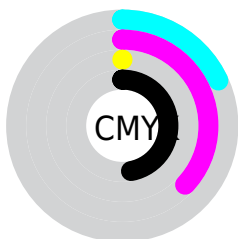
Blue (53%)



Red (44%)

Yellow (34%)

Blue (53%)

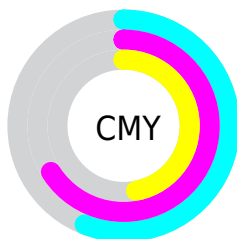


Cyan (18%)

Magenta (37%)

Yellow (0%)

Black (47%)



Cyan (56%)

Magenta (66%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 112, 86, 136 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 112, 86, 136 by changing the saturation by 10% instead.



112, 86, 136



112, 86, 136

255, 255, 255



87, 62, 110



165, 136, 190



63, 40, 86



192, 162, 217



40, 19, 62



220, 190, 246



22, 0, 41



249, 217, 255



0, 1, 18



255, 246, 255



0, 0, 0



112, 86, 136



112, 86, 136



105, 72, 136



119, 100, 136



99, 59, 136



125, 113, 136

■ 92, 45, 136

■ 132, 127, 136

■ 86, 32, 136

■ 138, 140, 136

■ 79, 18, 136

■ 145, 154, 136

■ 73, 4, 136

■ 151, 168, 136

■ 71, 0, 136

■ 158, 181, 136

■ 164, 195, 136

■ 171, 208, 136

Harmonies

Analogous

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



72, 96, 148



112, 86, 136



137, 77, 114

Triad

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



112, 86, 136



126, 90, 47



0, 110, 106

Complementary

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



112, 86, 136



110, 136, 86

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.



36, 109, 79



112, 86, 136



103, 98, 44

Square

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



112, 86, 136



142, 80, 63



74, 105, 56



0, 109, 131

Rectangle

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



112, 86, 136



145, 75, 96



74, 105, 56



0, 110, 97

Sweetspot

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



112, 86, 136



167, 157, 176



86, 110, 136



84, 78, 89



217, 217, 217



89, 89, 89

Same Dimension

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



112, 86, 136



139, 99, 176



136, 86, 135



66, 62, 69



69, 0, 133



3, 0, 5

Inverse Universe

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



136, 86, 110



176, 99, 136



86, 136, 87



69, 62, 65



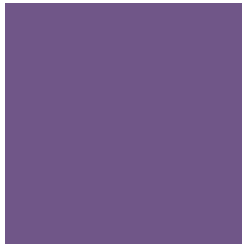
133, 0, 64



5, 0, 2

Previews

White Background



This preview shows how the RGB color 112, 86, 136 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 112, 86, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

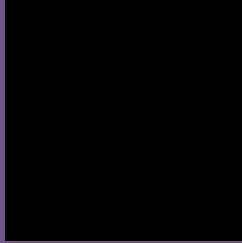
Any Text WCAG AA × Fail

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 112, 86, 136 Background



This preview shows how black text looks on a background with the RGB color 112, 86, 136.

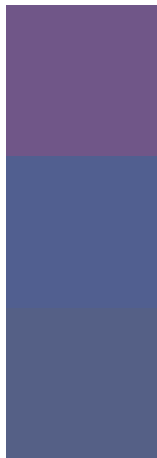


This preview shows how white text looks on a background with the RGB color 112, 86, 136.

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

112, 86, 136

Protanopia

81, 95, 144

Deuteranopia

85, 96, 134



Tritanopia
106, 93, 101

Trichromacy



Original Color

112, 86, 136

Protanomaly

92, 92, 141

Deuteranomaly

95, 92, 135

Tritanomaly

108, 90, 114

Monochromacy



Original Color

112, 86, 136

Achromatopsia

99, 99, 99

Achromatomaly

104, 94, 112

CSS Examples

Text

The CSS property to change the color of the text to RGB 112, 86, 136 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(112, 86, 136)` looks like.

```
.text, #text, p{  
    color:rgb(112, 86, 136)  
}
```

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(112, 86, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 86, 136) }
```

Border

The CSS property to change the border of an element to RGB 112, 86, 136 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(112, 86, 136) }
```

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

```
.border{ border-color:rgb(112, 86, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 86, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 86, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 86, 136);  
box-shadow:4px 4px 4px 4px rgb(112, 86,  
136) }
```

Background

The CSS property to change the background color of an element to RGB 112, 86, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 86, 136) }
```

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

```
.background{ background-color: rgb(112, 86,  
136) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor