

Converting Colors

RGB(106, 73, 182)

Have a look what the booklet for
RGB(106, 73, 182) contains.

RGB(106, 73, 182)	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(106, 73, 182)

Conversions

Conversions Part 1

Format	Color
Hex	6A49B6
RGB	106, 73, 182
RGB Percent	42%, 29%, 71%
CMY	0.5843, 0.7137, 0.2863
CMYK	0.42, 0.60, 0.00, 0.29
HSL	258°, 43%, 50%
HSV	258°, 60%, 71%
XYZ	16.7699, 11.2067, 45.5352
YIQ	95.2930, -15.3210, 40.8950

Conversions

Conversions Part 2

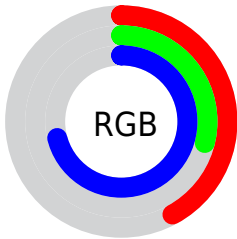
Format	Color
RYB	106, 73, 182
Decimal	6965686
CIELab	39.93, 39.37, -53.14
CIElCh	40, 66.137, 306.537
Yxy	11.2067, 0.2281, 0.1524
Android (android.graphics.Color)	4285155766 (0xFF6A49B6)
YUV	95.2930, 42.7466, 9.3900
Hunter-Lab	33.4763, 30.8356, -57.2140

Details

The RGB color **106, 73, 182** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **149, 182, 73**, and the grayscale version is **95, 95, 95**.

A 20% lighter version of the original color is **162, 123, 239**, and **50, 26, 128** is the 20% darker color. If you saturate the color by 10%, you get **93, 55, 182**, and if you desaturate by 10%, it is **119, 91, 182**.

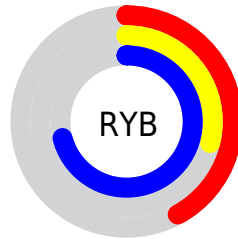
Distribution



Red (42%)

Green (29%)

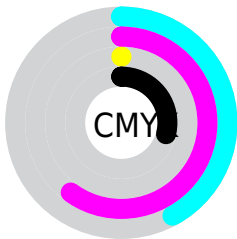
Blue (71%)



Red (42%)

Yellow (29%)

Blue (71%)

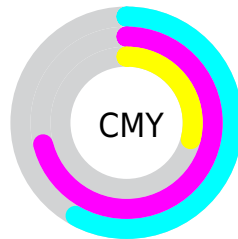


Cyan (42%)

Magenta (60%)

Yellow (0%)

Black (29%)



Cyan (58%)

Magenta (71%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 106, 73, 182 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 106, 73, 182 by changing the saturation by 10% instead.



106, 73, 182



106, 73, 182

255, 255, 255



78, 49, 155



162, 123, 239



50, 26, 128



190, 149, 255



14, 3, 102



219, 176, 255



0, 0, 78



249, 204, 255



0, 5, 54



255, 232, 255



0, 2, 32



0, 0, 3



0, 0, 0



106, 73, 182



106, 73, 182

■ 93, 55, 182

■ 119, 91, 182

■ 81, 37, 182

■ 131, 109, 182

■ 68, 18, 182

■ 144, 128, 182

■ 55, 0, 182

■ 157, 146, 182

■ 55, 0, 182

■ 169, 164, 182

■ 182, 182, 182

■ 195, 200, 182

■ 208, 219, 182

■ 220, 237, 182

Harmonies

Analogous

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



0, 98, 203



106, 73, 182



166, 37, 138

Triad

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



106, 73, 182



148, 75, 0



0, 117, 105

Complementary

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



106, 73, 182



149, 182, 73

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, 114, 48



106, 73, 182



105, 96, 0

Square

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



106, 73, 182



178, 43, 32



43, 108, 0



0, 116, 158

Rectangle

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



106, 73, 182



183, 9, 103



43, 108, 0



0, 116, 86

Sweetspot

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



106, 73, 182



207, 194, 237



73, 149, 182



101, 93, 120



247, 247, 247



120, 120, 120

Same Dimension

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



106, 73, 182



118, 66, 237



160, 73, 182



85, 83, 92



47, 0, 156



8, 0, 28

Inverse Universe

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



182, 73, 149



237, 66, 185



95, 182, 73



92, 83, 89



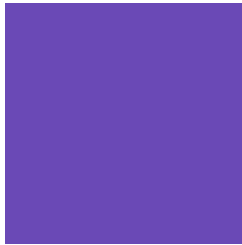
156, 0, 108



28, 0, 20

Previews

White Background



This preview shows how the RGB color 106, 73, 182 looks on a white background.

Color Contrast Check

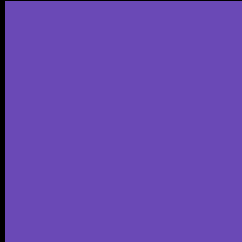
Large Text (above 18pt) WCAG AA ✓ Pass

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 106, 73, 182 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 106, 73, 182 Background



This preview shows how black text looks on a background with the RGB color 106, 73, 182.

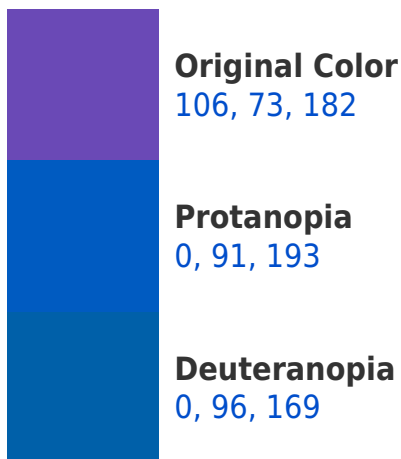


This preview shows how white text looks on a background with the RGB color 106, 73, 182.

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
87, 95, 103

Trichromacy



Original Color

106, 73, 182



Protanomaly

39, 84, 189



Deuteranomaly

39, 88, 174



Tritanomaly

94, 87, 132

Monochromacy



Original Color

106, 73, 182



Achromatopsia

95, 95, 95



Achromatomaly

99, 87, 127

CSS Examples

Text

The CSS property to change the color of the text to RGB 106, 73, 182 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(106, 73, 182)` looks like.

```
.text, #text, p{  
    color:rgb(106, 73, 182)  
}
```

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(106, 73, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 73, 182) }
```

Border

The CSS property to change the border of an element to RGB 106, 73, 182 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(106, 73, 182) }
```

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

```
.border{ border-color:rgb(106, 73, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 73, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 73, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 73, 182); box-shadow:4px 4px 4px 4px rgb(106, 73, 182) }
```

Background

The CSS property to change the background color of an element to RGB 106, 73, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 73, 182) }
```

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

```
.background{ background-color: rgb(106, 73,  
182) }
```

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