

Converting Colors

RGB(106, 74, 175)

Have a look what the booklet for
RGB(106, 74, 175) contains.

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Color

RGB(106, 74, 175)

Conversions

Conversions Part 1

Format	Color
Hex	6A4AAF
RGB	106, 74, 175
RGB Percent	42%, 29%, 69%
CMY	0.5843, 0.7098, 0.3137
CMYK	0.39, 0.58, 0.00, 0.31
HSL	259°, 41%, 49%
HSV	259°, 58%, 69%
XYZ	16.1305, 11.0569, 41.8415
YIQ	95.0820, -13.3490, 38.1950

Conversions

Conversions Part 2

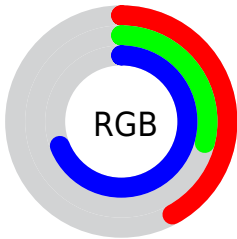
Format	Color
R_{YB}	106, 74, 175
Decimal	6965935
CIE _{Lab}	39.68, 36.84, -49.41
CIE _{LCh}	40, 61.635, 306.709
Yxy	11.0569, 0.2337, 0.1602
Android (android.graphics.Color)	4285156015 (0xFF6A4AAF)
YUV	95.0820, 39.3996, 9.5751
Hunter-Lab	33.2519, 28.3996, -51.3294

Details

The RGB color **106, 74, 175** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **143, 175, 74**, and the grayscale version is **95, 95, 95**.

A 20% lighter version of the original color is **161, 124, 231**, and **51, 27, 122** is the 20% darker color. If you saturate the color by 10%, you get **94, 57, 175**, and if you desaturate by 10%, it is **118, 92, 175**.

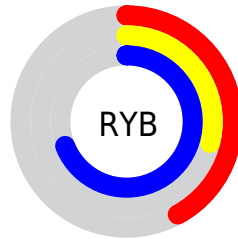
Distribution



Red (42%)

Green (29%)

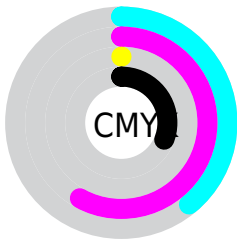
Blue (69%)



Red (42%)

Yellow (29%)

Blue (69%)

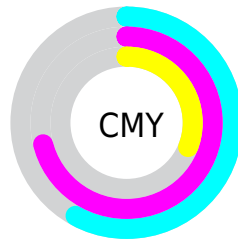


Cyan (39%)

Magenta (58%)

Yellow (0%)

Black (31%)



Cyan (58%)

Magenta (71%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 106, 74, 175 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, 74, 175 by changing the saturation by 10% instead.



106, 74, 175



106, 74, 175

255, 255, 255



79, 50, 148



161, 124, 231



51, 27, 122



189, 150, 255



19, 4, 96



218, 177, 255



0, 0, 72



248, 205, 255



0, 4, 48



255, 233, 255



0, 1, 26



0, 0, 0



106, 74, 175



106, 74, 175



94, 57, 175



118, 92, 175

82, 39, 175

130, 109, 175

70, 22, 175

142, 127, 175

58, 4, 175

154, 144, 175

55, 0, 175

166, 162, 175

178, 179, 175

190, 197, 175

202, 214, 175

214, 232, 175

Harmonies

Analogous

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



0, 96, 195



106, 74, 175



161, 44, 134

Triad

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



106, 74, 175



145, 76, 0



0, 115, 104

Complementary

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



106, 74, 175



143, 175, 74

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, 113, 51



106, 74, 175



104, 95, 0

Square

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



106, 74, 175



172, 48, 36



48, 107, 0



0, 114, 153

Rectangle

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



106, 74, 175



177, 27, 101



48, 107, 0



0, 115, 86

Sweetspot

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



106, 74, 175



201, 188, 227



74, 143, 175



99, 92, 115



242, 242, 242



115, 115, 115

Same Dimension

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



106, 74, 175



120, 70, 227



156, 74, 175



81, 78, 87



48, 0, 150



7, 0, 23

Inverse Universe

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



175, 74, 143



227, 70, 177



93, 175, 74



87, 78, 84



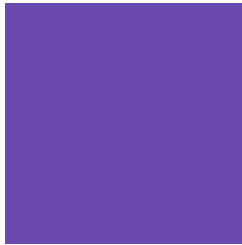
150, 0, 103



23, 0, 16

Previews

White Background



This preview shows how the RGB color 106, 74, 175 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, 74, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

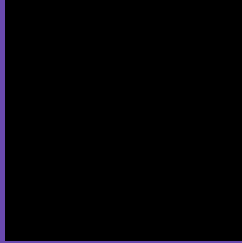
Any Text WCAG AA × Fail

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, 74, 175 Background



This preview shows how black text looks on a background with the RGB color 106, 74, 175.

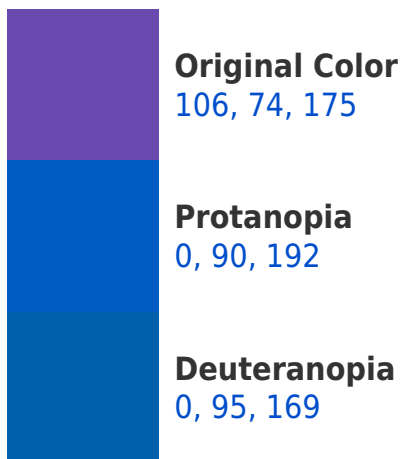


This preview shows how white text looks on a background with the RGB color 106, 74, 175.

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
89, 94, 101

Trichromacy



Original Color

106, 74, 175



Protanomaly

39, 84, 186



Deuteranomaly

39, 87, 171



Tritanomaly

95, 87, 128

Monochromacy



Original Color

106, 74, 175



Achromatopsia

95, 95, 95



Achromatomaly

99, 87, 124

CSS Examples

Text

The CSS property to change the color of the text to RGB 106, 74, 175 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, 74, 175)` looks like.

```
.text, #text, p{  
    color:rgb(106, 74, 175)  
}
```

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, 74, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 74, 175) }
```

Border

The CSS property to change the border of an element to RGB 106, 74, 175 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, 74, 175) }
```

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

```
.border{ border-color:rgb(106, 74, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 74, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 74, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 74, 175);  
box-shadow:4px 4px 4px 4px rgb(106, 74,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 106, 74, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 74, 175) }
```

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

```
.background{ background-color: rgb(106, 74,  
175) }
```

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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