

Converting Colors

RGB(116, 73, 155)

Have a look what the booklet for
RGB(116, 73, 155) contains.

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Color

RGB(116, 73, 155)

Conversions

Conversions Part 1

Format	Color
Hex	74499B
RGB	116, 73, 155
RGB Percent	45%, 29%, 61%
CMY	0.5451, 0.7137, 0.3922
CMYK	0.25, 0.53, 0.00, 0.39
HSL	271°, 36%, 45%
HSV	271°, 53%, 61%
XYZ	15.5014, 10.8446, 32.2866
YIQ	95.2050, -0.6940, 34.6180

Conversions

Conversions Part 2

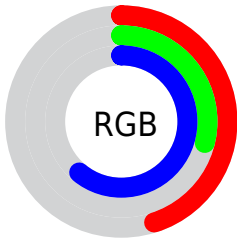
Format	Color
R_{YB}	116, 73, 155
Decimal	7621019
CIE _{Lab}	39.32, 34.74, -37.99
CIE _{LCh}	39, 51.482, 312.441
Yxy	10.8446, 0.2644, 0.1850
Android (android.graphics.Color)	4285811099 (0xFF74499B)
YUV	95.2050, 29.4789, 18.2372
Hunter-Lab	32.9312, 26.3940, -35.0775

Details

The RGB color **116, 73, 155** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **112, 155, 73**, and the grayscale version is **95, 95, 95**.

A 20% lighter version of the original color is **170, 123, 210**, and **64, 26, 103** is the 20% darker color. If you saturate the color by 10%, you get **109, 57, 155**, and if you desaturate by 10%, it is **123, 88, 155**.

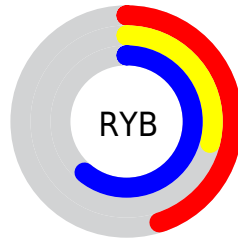
Distribution



Red (45%)

Green (29%)

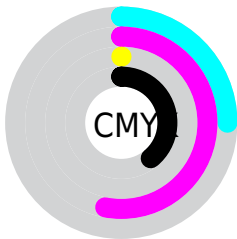
Blue (61%)



Red (45%)

Yellow (29%)

Blue (61%)

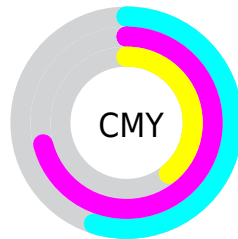


Cyan (25%)

Magenta (53%)

Yellow (0%)

Black (39%)



Cyan (55%)

Magenta (71%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 116, 73, 155 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 116, 73, 155 by changing the saturation by 10% instead.



116, 73, 155



116, 73, 155

255, 255, 255



90, 49, 129



170, 123, 210



64, 26, 103



198, 149, 238



39, 2, 79



227, 176, 255



20, 0, 55



255, 204, 255



0, 2, 33



255, 232, 255



0, 0, 6



0, 0, 0



116, 73, 155



116, 73, 155



109, 57, 155



123, 88, 155

101, 42, 155

131, 104, 155

94, 26, 155

138, 120, 155

87, 11, 155

145, 135, 155

81, 0, 155

153, 150, 155

160, 166, 155

168, 181, 155

175, 197, 155

182, 212, 155

Harmonies

Analogous

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



19, 92, 175



116, 73, 155



155, 53, 119

Triad

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



116, 73, 155



132, 81, 0



0, 112, 109

Complementary

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



116, 73, 155



112, 155, 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, 110, 66



116, 73, 155



96, 96, 0

Square

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



116, 73, 155



157, 63, 37



47, 105, 23



0, 110, 148

Rectangle

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



116, 73, 155



165, 47, 91



47, 105, 23



0, 112, 95

Sweetspot

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



116, 73, 155



186, 169, 201



73, 113, 155



93, 83, 102



230, 230, 230



102, 102, 102

Same Dimension

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



116, 73, 155



141, 75, 201



155, 73, 154



73, 69, 77



74, 0, 140



7, 0, 13

Inverse Universe

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



155, 73, 112



201, 75, 135



73, 155, 74



77, 69, 72



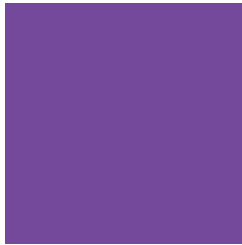
140, 0, 67



13, 0, 6

Previews

White Background



This preview shows how the RGB color 116, 73, 155 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 116, 73, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

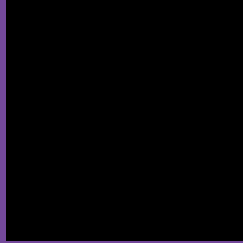
Any Text WCAG AA × Fail

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 116, 73, 155 Background



This preview shows how black text looks on a background with the RGB color 116, 73, 155.

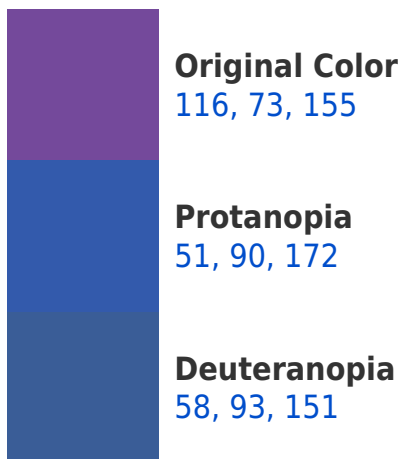


This preview shows how white text looks on a background with the RGB color 116, 73, 155.

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
106, 88, 95

Trichromacy



Original Color
116, 73, 155

Protanomaly
75, 84, 166

Deuteranomaly
79, 86, 152

Tritanomaly
110, 83, 117

Monochromacy



Original Color
116, 73, 155

Achromatopsia
95, 95, 95

Achromatomaly
103, 87, 117

CSS Examples

Text

The CSS property to change the color of the text to RGB 116, 73, 155 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(116, 73, 155)` looks like.

```
.text, #text, p{  
    color:rgb(116, 73, 155)  
}
```

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(116, 73, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 73, 155) }
```

Border

The CSS property to change the border of an element to RGB 116, 73, 155 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(116, 73, 155) }
```

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

```
.border{ border-color:rgb(116, 73, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 73, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 73, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 73, 155);  
box-shadow:4px 4px 4px 4px rgb(116, 73,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 116, 73, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 73, 155) }
```

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

```
.background{ background-color: rgb(116, 73,  
155) }
```

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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