Converting Colors

RGB(76, 73, 184)

Have a look what the booklet for RGB(76, 73, 184) contains.

Color

RGB(76, 73, 184)

Conversions

Conversions Part 1

Format	Color
Hex	4C49B8
RGB	76, 73, 184
RGB Percent	30%, 29%, 72%
CMY	0.7020, 0.7137, 0.2784
CMYK	0.59, 0.60, 0.00, 0.28
HSL	242°, 44%, 50%
HSV	242°, 60%, 72%
XYZ	14.0148, 9.7623, 46.4930
YIQ	86.5510, -33.8430, 35.1570

Conversions

Conversions Part 2

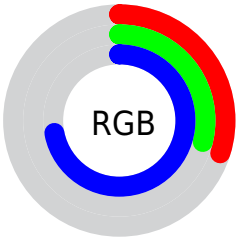
Format	Color
RYB	76, 73, 184
Decimal	4999608
CIELab	37.41, 33.93, -58.51
CIELCh	37, 67.638, 300.104
Yxy	9.7623, 0.1994, 0.1389
Android (android.graphics.Color)	4283189688 (0xFF4C49B8)
YUV	86.5510, 48.0424, -9.2532
Hunter-Lab	31.2446, 25.3879, -66.3542

Details

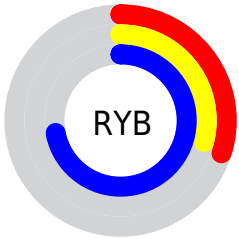
The RGB color 76, 73, 184 is a dark color, and the websafe version is hex 333399. A complement of this color would be 181, 184, 73, and the grayscale version is 86, 86, 86.

A 20% lighter version of the original color is 134, 122, 241, and 0, 29, 130 is the 20% darker color. If you saturate the color by 10%, you get 58, 55, 184, and if you desaturate by 10%, it is 94, 91, 184.

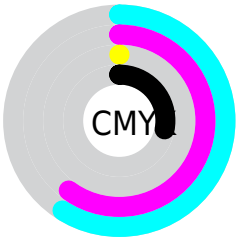
Distribution



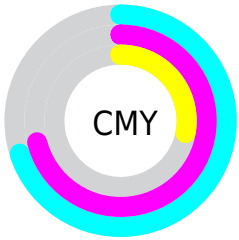
- Red (30%)
- Green (29%)
- Blue (72%)



- Red (30%)
- Yellow (29%)
- Blue (72%)



- Cyan (59%)
- Magenta (60%)
- Yellow (0%)
- Black (28%)



- Cyan (70%)
- Magenta (71%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 76, 73, 184 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 76, 73, 184 by changing the saturation by 10% instead.

76, 73, 184	76, 73, 184
255, 255, 255	43, 50, 157
134, 122, 241	0, 29, 130
163, 148, 255	0, 9, 104
192, 175, 255	0, 0, 79
222, 202, 255	0, 5, 55
252, 230, 255	0, 2, 33
	0, 0, 6
	0, 0, 0

76, 73, 184	76, 73, 184

58, 55, 184

40, 36, 184

22, 18, 184

5, 0, 184

94, 91, 184

112, 110, 184

130, 128, 184

148, 147, 184

166, 165, 184

183, 183, 184

201, 202, 184

219, 220, 184

237, 239, 184

Harmonies

Analogous

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

0, 96, 199

76, 73, 184

151, 35, 143

Triad

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

76, 73, 184

149, 62, 0

0, 110, 87

Complementary

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

76, 73, 184

181, 184, 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, 107, 27

76, 73, 184

108, 86, 0

Square

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

76, 73, 184

175, 20, 37

52, 100, 0

0, 110, 142

Rectangle

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

76, 73, 184

173, 0, 109

52, 100, 0

0, 109, 67

Sweetspot

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

76, 73, 184

198, 197, 240

73, 182, 184

94, 93, 120

247, 247, 247

120, 120, 120

Same Dimension

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

76, 73, 184

72, 67, 240

130, 73, 184

83, 83, 92

4, 0, 156

1, 0, 28

Inverse Universe

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

184, 73, 181

240, 67, 235

127, 184, 73

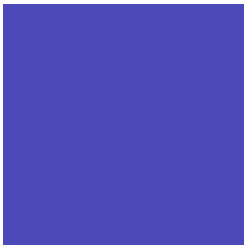
92, 83, 92

156, 0, 151

28, 0, 27

Previews

White Background

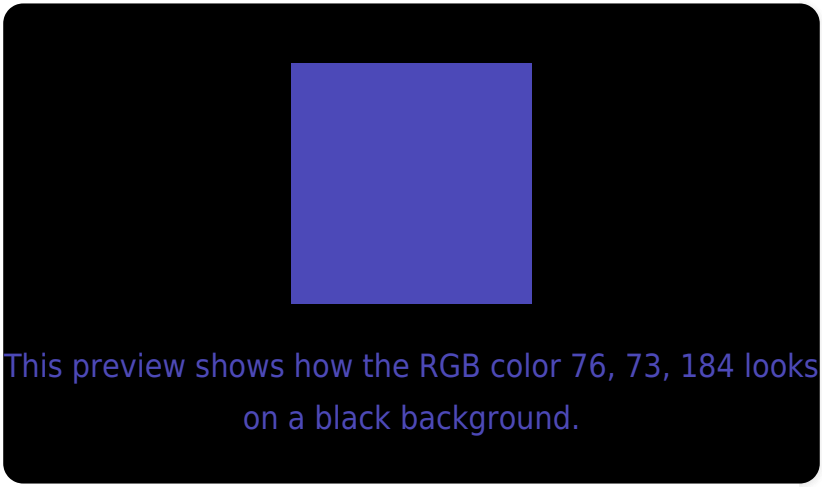


This preview shows how the RGB color 76, 73, 184 looks on a white background.

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 ✓ Pass

Black Background

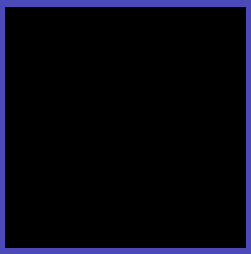


Color Contrast Check

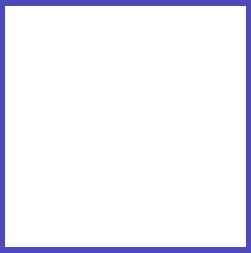
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 76, 73, 184 Background



This preview shows how black text looks on a background with the RGB color 76, 73, 184.

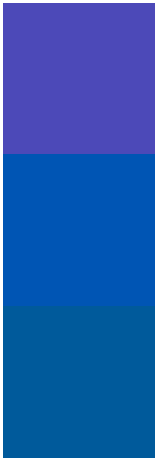


This preview shows how white text looks on a background with the RGB color 76, 73, 184.

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
76, 73, 184

Protanopia
0, 85, 180

Deuteranopia
0, 90, 155

Tritanopia
41, 96, 103

Trichromacy

Original Color
76, 73, 184

Protanomaly
28, 81, 181

Deuteranomaly
28, 84, 166

Tritanomaly
54, 88, 132

Monochromacy

Original Color
76, 73, 184

Achromatopsia
87, 87, 87

Achromatomaly
83, 82, 122

CSS Examples

Text

The CSS property to change the color of the text to RGB 76, 73, 184 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(76, 73, 184) looks like.

```
.text, #text, p{
    color:rgb(76, 73, 184)
}
```

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(76, 73, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 73, 184) }
```

Border

The CSS property to change the border of an element to RGB 76, 73, 184 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(76, 73, 184) }
```

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

```
.border{ border-color:rgb(76, 73, 184) }
```

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

Here you see how a box with a 4 pixel rgb(76, 73, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(76, 73, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(76, 73, 184); box-shadow:4px 4px 4px 4px rgb(76, 73, 184) }
```

Background

The CSS property to change the background color of an element to RGB 76, 73, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(76, 73, 184) }
```

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

```
.background{ background-color:rgb(76, 73,
184) }
```

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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