

Converting Colors

RGB(75, 74, 127)

Have a look what the booklet for
RGB(75, 74, 127) contains.

RGB(75, 74, 127)	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(75, 74, 127)

Conversions

Conversions Part 1

Format	Color
Hex	4B4A7F
RGB	75, 74, 127
RGB Percent	29%, 29%, 50%
CMY	0.7059, 0.7098, 0.5020
CMYK	0.41, 0.42, 0.00, 0.50
HSL	241°, 26%, 39%
HSV	241°, 42%, 50%
XYZ	9.1812, 7.9257, 21.1246
YIQ	80.3410, -16.4170, 16.6950

Conversions

Conversions Part 2

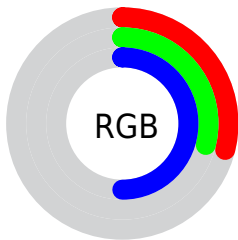
Format	Color
R_{YB}	75, 74, 127
Decimal	4934271
CIE _{Lab}	33.83, 14.64, -29.87
CIE _{LCh}	34, 33.267, 296.111
Yxy	7.9257, 0.2401, 0.2073
Android (android.graphics.Color)	4283124351 (0xFF4B4A7F)
YUV	80.3410, 23.0029, -4.6841
Hunter-Lab	28.1527, 8.9456, -24.7819

Details

The RGB color **75, 74, 127** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **126, 127, 74**, and the grayscale version is **80, 80, 80**.

A 20% lighter version of the original color is **126, 123, 180**, and **25, 30, 77** is the 20% darker color. If you saturate the color by 10%, you get **63, 61, 127**, and if you desaturate by 10%, it is **87, 87, 127**.

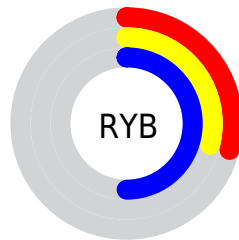
Distribution



Red (29%)

Green (29%)

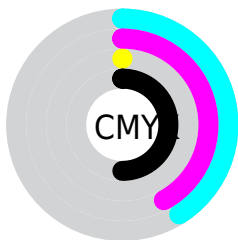
Blue (50%)



Red (29%)

Yellow (29%)

Blue (50%)

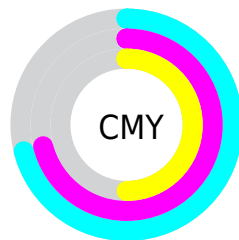


Cyan (41%)

Magenta (42%)

Yellow (0%)

Black (50%)



Cyan (71%)

Magenta (71%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 75, 74, 127 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 75, 74, 127 by changing the saturation by 10% instead.



75, 74, 127



75, 74, 127

255, 255, 255



50, 51, 102



126, 123, 180



25, 30, 77



153, 148, 208



1, 7, 54



180, 175, 236



0, 2, 32



208, 202, 255



0, 0, 5



237, 230, 255



0, 0, 0



75, 74, 127



75, 74, 127



63, 61, 127



87, 87, 127



50, 49, 127



100, 99, 127

■ 38, 36, 127

■ 112, 112, 127

■ 25, 23, 127

■ 125, 125, 127

■ 13, 10, 127

■ 137, 138, 127

■ 2, 0, 127

■ 150, 150, 127

■ 162, 163, 127

■ 175, 176, 127

■ 187, 188, 127

Harmonies

Analogous

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



0, 83, 132



75, 74, 127



109, 63, 109

Triad

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



75, 74, 127



117, 67, 36



0, 92, 75

Complementary

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



75, 74, 127



126, 127, 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.



38, 90, 49



75, 74, 127



97, 77, 24

Square

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



75, 74, 127



128, 58, 58



71, 85, 29



0, 92, 102

Rectangle

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



75, 74, 127



122, 58, 93



71, 85, 29



0, 92, 66

Sweetspot

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



75, 74, 127



145, 144, 166



74, 126, 127



71, 71, 84



212, 212, 212



84, 84, 84

Same Dimension

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



75, 74, 127



84, 83, 166



101, 74, 127



57, 57, 64



2, 0, 128



0, 0, 0

Inverse Universe

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



127, 74, 126



166, 83, 164



100, 127, 74



64, 57, 64



128, 0, 125



0, 0, 0

Previews

White Background



This preview shows how the RGB color 75, 74, 127 looks on a white background.

Color Contrast Check

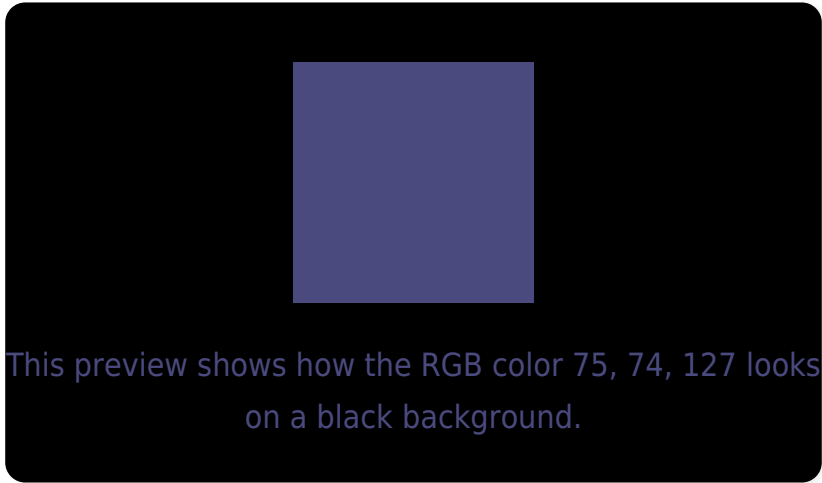
Large Text (above 18pt) WCAG AA ✓ Pass

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 75, 74, 127 Background



This preview shows how black text looks on a background with the RGB color 75, 74, 127.



This preview shows how white text looks on a background with the RGB color 75, 74, 127.

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

75, 74, 127

Protanopia

58, 78, 130

Deuteranopia

54, 80, 126



Tritanopia
66, 82, 89

Trichromacy



Original Color
75, 74, 127

Protanomaly
64, 77, 129

Deuteranomaly
62, 78, 126

Tritanomaly
69, 79, 103

Monochromacy



Original Color
75, 74, 127

Achromatopsia
80, 80, 80

Achromatomaly
78, 78, 97

CSS Examples

Text

The CSS property to change the color of the text to RGB 75, 74, 127 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(75, 74, 127) looks like.

```
.text, #text, p{  
    color:rgb(75, 74, 127)  
}
```

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(75, 74, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 74, 127) }
```

Border

The CSS property to change the border of an element to RGB 75, 74, 127 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(75, 74, 127) }
```

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

```
.border{ border-color:rgb(75, 74, 127) }
```

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

Here you see how a box with a 4 pixel rgb(75, 74, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 74, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 74, 127);  
box-shadow:4px 4px 4px 4px rgb(75, 74,  
127) }
```

Background

The CSS property to change the background color of an element to RGB 75, 74, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 74, 127) }
```

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

```
.background{ background-color: rgb(75, 74,  
127) }
```

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