

Converting Colors

RGB(74, 102, 173)

Have a look what the booklet for
RGB(74, 102, 173) contains.

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Color

RGB(74, 102, 173)

Conversions

Conversions Part 1

Format	Color
Hex	4A66AD
RGB	74, 102, 173
RGB Percent	29%, 40%, 68%
CMY	0.7098, 0.6000, 0.3216
CMYK	0.57, 0.41, 0.00, 0.32
HSL	223°, 40%, 48%
HSV	223°, 57%, 68%
XYZ	15.1182, 13.9757, 41.4359
YIQ	101.7220, -39.4790, 16.1450

Conversions

Conversions Part 2

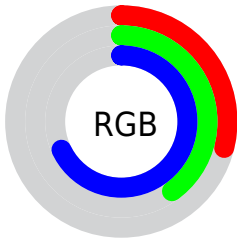
Format	Color
RYB	74, 96, 173
Decimal	4875949
CIELab	44.20, 11.43, -41.14
CIElCh	44, 42.703, 285.532
Yxy	13.9757, 0.2144, 0.1982
Android (android.graphics.Color)	4283066029 (0xFF4A66AD)
YUV	101.7220, 35.1401, -24.3122
Hunter-Lab	37.3841, 6.7637, -39.5472

Details

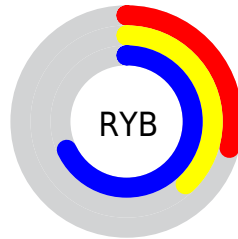
The RGB color **74, 102, 173** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **173, 145, 74**, and the grayscale version is **101, 101, 101**.

A 20% lighter version of the original color is **130, 153, 229**, and **0, 56, 120** is the 20% darker color. If you saturate the color by 10%, you get **57, 90, 173**, and if you desaturate by 10%, it is **91, 114, 173**.

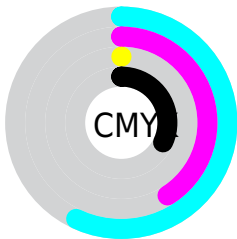
Distribution



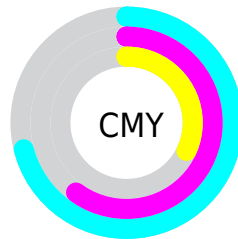
- Red (29%)
- Green (40%)
- Blue (68%)



- Red (29%)
- Yellow (38%)
- Blue (68%)



- Cyan (57%)
- Magenta (41%)
- Yellow (0%)
- Black (32%)



















- Cyan (71%)
- Magenta (60%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 74, 102, 173 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 74, 102, 173 by changing the saturation by 10% instead.

 74, 102, 173	 74, 102, 173
 255, 255, 255	 44, 78, 146
 130, 153, 229	 0, 56, 120
 158, 179, 255	 0, 35, 95
 186, 207, 255	 0, 14, 71
 215, 235, 255	 0, 4, 48
 244, 255, 255	 0, 1, 26
	 0, 0, 0

 74, 102, 173	 74, 102, 173
 57, 90, 173	 91, 114, 173

■ 39, 77, 173

■ 109, 127, 173

■ 22, 65, 173

■ 126, 139, 173

■ 5, 52, 173

■ 143, 152, 173

■ 0, 49, 173

■ 161, 164, 173

■ 178, 176, 173

■ 195, 189, 173

■ 212, 201, 173

■ 230, 214, 173

Harmonies

Analogous

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



0, 113, 173



74, 102, 173



130, 87, 155

Triad

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



74, 102, 173



161, 83, 55



0, 121, 86

Complementary

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



74, 102, 173



173, 145, 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.



66, 116, 52



74, 102, 173



138, 97, 33

Square

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



74, 102, 173



170, 73, 87



106, 108, 30



0, 122, 122

Rectangle

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



74, 102, 173



153, 78, 135



106, 108, 30



19, 120, 74

Sweetspot

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



74, 102, 173



186, 197, 224



74, 173, 145



90, 96, 112



240, 240, 240



112, 112, 112

Same Dimension

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



74, 102, 173



70, 113, 224



95, 74, 173



78, 80, 87



0, 43, 150



0, 6, 23

Inverse Universe

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



173, 74, 102



224, 70, 113



152, 173, 74



87, 78, 80



150, 0, 43



23, 0, 6

Previews

White Background



This preview shows how the RGB color 74, 102, 173 looks on a white background.

Color Contrast Check

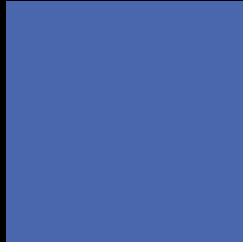
Large Text (above 18pt) WCAG AA ✓ Pass

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 74, 102, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

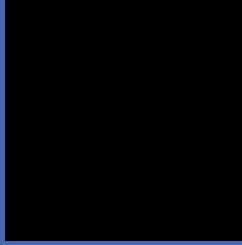
Any Text WCAG AA × Fail

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 74, 102, 173 Background



This preview shows how black text looks on a background with the RGB color 74, 102, 173.

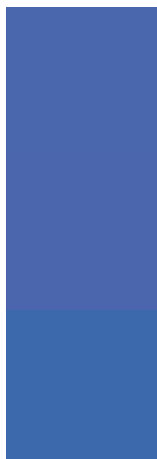


This preview shows how white text looks on a background with the RGB color 74, 102, 173.

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


74, 102, 173

Protanopia

75, 102, 173

Deuteranopia

60, 105, 172



Tritanopia

54, 113, 122

Trichromacy



Original Color

74, 102, 173

Protanomaly

75, 102, 173

Deuteranomaly

65, 104, 172

Tritanomaly

61, 109, 141

Monochromacy



Original Color

74, 102, 173

Achromatopsia

102, 102, 102

Achromatomaly

92, 102, 128

CSS Examples

Text

The CSS property to change the color of the text to RGB 74, 102, 173 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(74, 102, 173)` looks like.

```
.text, #text, p{  
    color:rgb(74, 102, 173)  
}
```

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(74, 102, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 102, 173) }
```

Border

The CSS property to change the border of an element to RGB 74, 102, 173 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(74, 102, 173) }
```

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

```
.border{ border-color:rgb(74, 102, 173) }
```

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

Here you see how a box with a 4 pixel rgb(74, 102, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 102, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 102, 173);  
box-shadow:4px 4px 4px 4px rgb(74, 102,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 74, 102, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 102, 173) }
```

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

```
.background{ background-color: rgb(74, 102,  
173) }
```

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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