

Converting Colors

RGB(73, 99, 174)

Have a look what the booklet for
RGB(73, 99, 174) contains.

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Color

RGB(73, 99, 174)

Conversions

Conversions Part 1

Format	Color
Hex	4963AE
RGB	73, 99, 174
RGB Percent	29%, 39%, 68%
CMY	0.7137, 0.6118, 0.3176
CMYK	0.58, 0.43, 0.00, 0.32
HSL	225°, 41%, 48%
HSV	225°, 58%, 68%
XYZ	14.8495, 13.3961, 41.8475
YIQ	99.7760, -39.5710, 17.8130

Conversions

Conversions Part 2

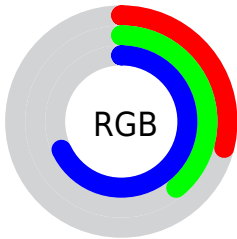
Format	Color
RYB	73, 94, 174
Decimal	4809646
CIELab	43.35, 13.46, -43.08
CIELCh	43, 45.130, 287.349
Yxy	13.3961, 0.2119, 0.1911
Android (android.graphics.Color)	4282999726 (0xFF4963AE)
YUV	99.7760, 36.5924, -23.4826
Hunter-Lab	36.6007, 8.3689, -42.1687

Details

The RGB color **73, 99, 174** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **174, 148, 73**, and the grayscale version is **99, 99, 99**.

A 20% lighter version of the original color is **129, 149, 230**, and **0, 53, 121** is the 20% darker color. If you saturate the color by 10%, you get **56, 86, 174**, and if you desaturate by 10%, it is **90, 112, 174**.

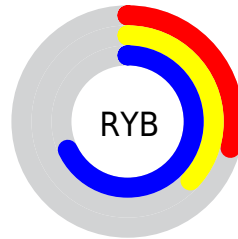
Distribution



Red (29%)

Green (39%)

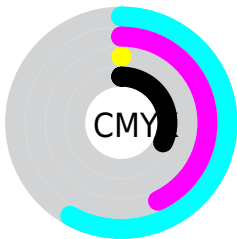
Blue (68%)



Red (29%)

Yellow (37%)

Blue (68%)

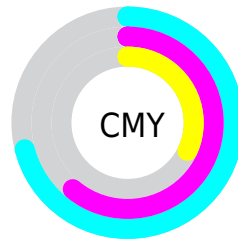


Cyan (58%)

Magenta (43%)

Yellow (0%)

Black (32%)



Cyan (71%)

Magenta (61%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 73, 99, 174 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 73, 99, 174 by changing the saturation by 10% instead.



73, 99, 174



73, 99, 174

255, 255, 255



43, 75, 147



129, 149, 230



0, 53, 121



157, 176, 255



0, 33, 96



186, 203, 255



0, 10, 71



215, 231, 255



0, 4, 48



244, 255, 255



0, 1, 26



0, 0, 0



73, 99, 174



73, 99, 174



56, 86, 174



90, 112, 174

■ 38, 73, 174

■ 108, 125, 174

■ 21, 60, 174

■ 125, 138, 174

■ 3, 47, 174

■ 143, 151, 174

■ 0, 45, 174

■ 160, 164, 174

■ 177, 177, 174

■ 195, 189, 174

■ 212, 202, 174

■ 230, 215, 174

Harmonies

Analogous

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



0, 111, 175



73, 99, 174



132, 83, 153

Triad

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



73, 99, 174



160, 80, 49



0, 119, 85

Complementary

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



73, 99, 174



174, 148, 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.



57, 115, 49



73, 99, 174



135, 95, 24

Square

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



73, 99, 174



170, 68, 82



101, 107, 23



0, 120, 124

Rectangle

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



73, 99, 174



155, 73, 132



101, 107, 23



0, 118, 72

Sweetspot

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



73, 99, 174



188, 198, 227



73, 174, 147



92, 98, 115



242, 242, 242



115, 115, 115

Same Dimension

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



73, 99, 174



68, 109, 227



97, 73, 174



78, 80, 87



0, 39, 150



0, 6, 23

Inverse Universe

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



174, 73, 99



227, 68, 109



150, 174, 73



87, 78, 80



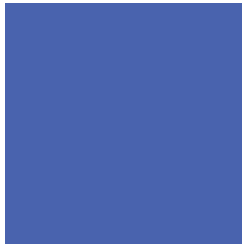
150, 0, 39



23, 0, 6

Previews

White Background



This preview shows how the RGB color 73, 99, 174 looks on a white background.

Color Contrast Check

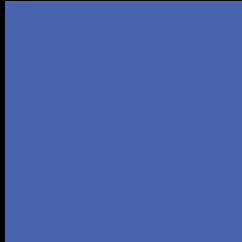
Large Text (above 18pt) WCAG AA ✓ Pass

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 73, 99, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

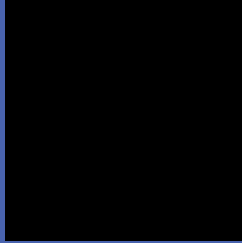
Any Text WCAG AA × Fail

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 73, 99, 174 Background



This preview shows how black text looks on a background with the RGB color 73, 99, 174.



This preview shows how white text looks on a background with the RGB color 73, 99, 174.

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

73, 99, 174

Protanopia

70, 100, 175

Deuteranopia

51, 103, 173



Tritanopia
51, 111, 120

Trichromacy



Original Color

73, 99, 174

Protanomaly

71, 100, 175

Deuteranomaly

59, 102, 173

Tritanomaly

59, 107, 140

Monochromacy



Original Color

73, 99, 174

Achromatopsia

100, 100, 100

Achromatomaly

90, 100, 127

CSS Examples

Text

The CSS property to change the color of the text to RGB 73, 99, 174 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(73, 99, 174)` looks like.

```
.text, #text, p{  
    color:rgb(73, 99, 174)  
}
```

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(73, 99, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 99, 174) }
```

Border

The CSS property to change the border of an element to RGB 73, 99, 174 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(73, 99, 174) }
```

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

```
.border{ border-color:rgb(73, 99, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 99, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 99, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 99, 174);  
box-shadow:4px 4px 4px 4px rgb(73, 99,  
174) }
```

Background

The CSS property to change the background color of an element to RGB 73, 99, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 99, 174) }
```

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

```
.background{ background-color: rgb(73, 99,  
174) }
```

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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