

Converting Colors

RGB(73, 97, 148)

Have a look what the booklet for
RGB(73, 97, 148) contains.

RGB(73, 97, 148)	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(73, 97, 148)

Conversions

Conversions Part 1

Format	Color
Hex	496194
RGB	73, 97, 148
RGB Percent	29%, 38%, 58%
CMY	0.7137, 0.6196, 0.4196
CMYK	0.51, 0.34, 0.00, 0.42
HSL	221°, 34%, 43%
HSV	221°, 51%, 58%
XYZ	12.3676, 12.1040, 29.7014
YIQ	95.6380, -30.6750, 10.7730

Conversions

Conversions Part 2

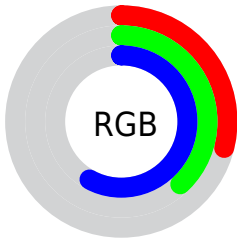
Format	Color
R_{YB}	73, 91, 148
Decimal	4809108
CIE _{Lab}	41.38, 6.04, -30.78
CIE _{LCh}	41, 31.363, 281.098
Yxy	12.1040, 0.2283, 0.2234
Android (android.graphics.Color)	4282999188 (0xFF496194)
YUV	95.6380, 25.8145, -19.8535
Hunter-Lab	34.7908, 2.5705, -26.2633

Details

The RGB color **73, 97, 148** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **148, 124, 73**, and the grayscale version is **95, 95, 95**.

A 20% lighter version of the original color is **126, 147, 202**, and **16, 51, 97** is the 20% darker color. If you saturate the color by 10%, you get **58, 87, 148**, and if you desaturate by 10%, it is **88, 107, 148**.

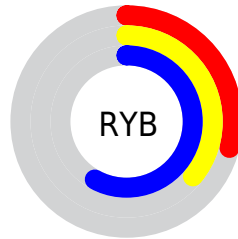
Distribution



Red (29%)

Green (38%)

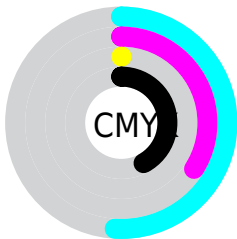
Blue (58%)



Red (29%)

Yellow (36%)

Blue (58%)

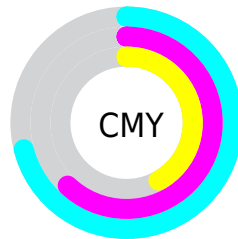


Cyan (51%)

Magenta (34%)

Yellow (0%)

Black (42%)



Cyan (71%)

Magenta (62%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 73, 97, 148 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, 97, 148 by changing the saturation by 10% instead.



73, 97, 148



73, 97, 148

255, 255, 255



46, 73, 122



126, 147, 202



16, 51, 97



153, 174, 231



0, 30, 73



181, 201, 255



0, 4, 50



209, 229, 255



0, 2, 28



238, 255, 255



0, 0, 0



73, 97, 148



73, 97, 148



58, 87, 148



88, 107, 148



43, 77, 148



103, 117, 148

■ 29, 67, 148

■ 117, 127, 148

■ 14, 57, 148

■ 132, 137, 148

■ 0, 47, 148

■ 147, 147, 148

■ 162, 157, 148

■ 177, 167, 148

■ 191, 178, 148

■ 206, 188, 148

Harmonies

Analogous

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



0, 105, 146



73, 97, 148



112, 87, 137

Triad

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



73, 97, 148



142, 81, 65



39, 110, 80

Complementary

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



73, 97, 148



148, 124, 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.



76, 106, 58



73, 97, 148



127, 90, 49

Square

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



73, 97, 148



146, 76, 89



104, 99, 46



0, 111, 107

Rectangle

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



73, 97, 148



130, 81, 123



104, 99, 46



53, 109, 72

Sweetspot

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



73, 97, 148



163, 172, 191



73, 148, 123



79, 85, 97



224, 224, 224



97, 97, 97

Same Dimension

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



73, 97, 148



75, 112, 191



85, 73, 148



67, 69, 74



0, 44, 138



0, 3, 10

Inverse Universe

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



148, 73, 97



191, 75, 112



136, 148, 73



74, 67, 69



138, 0, 44



10, 0, 3

Previews

White Background



This preview shows how the RGB color 73, 97, 148 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, 97, 148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

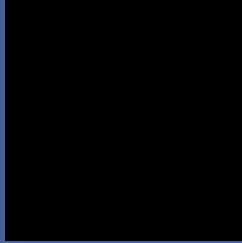
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

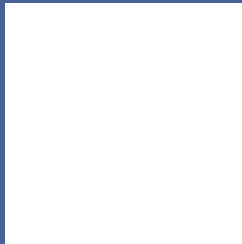
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 73, 97, 148 Background



This preview shows how black text looks on a background with the RGB color 73, 97, 148.

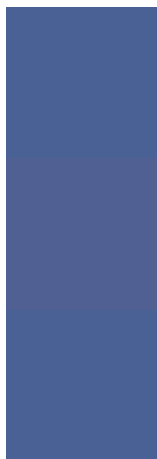


This preview shows how white text looks on a background with the RGB color 73, 97, 148.

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, 97, 148

Protanopia

80, 96, 147

Deuteranopia

73, 97, 148



Tritanopia
61, 104, 113

Trichromacy



Original Color

73, 97, 148

Protanomaly

77, 96, 147

Deuteranomaly

73, 97, 148

Tritanomaly

65, 101, 126

Monochromacy



Original Color

73, 97, 148

Achromatopsia

96, 96, 96

Achromatomaly

88, 96, 115

CSS Examples

Text

The CSS property to change the color of the text to RGB 73, 97, 148 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, 97, 148)` looks like.

```
.text, #text, p{  
    color:rgb(73, 97, 148)  
}
```

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, 97, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 97, 148) }
```

Border

The CSS property to change the border of an element to RGB 73, 97, 148 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, 97, 148) }
```

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

```
.border{ border-color:rgb(73, 97, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 97, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 97, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 97, 148);  
box-shadow:4px 4px 4px 4px rgb(73, 97,  
148) }
```

Background

The CSS property to change the background color of an element to RGB 73, 97, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 97, 148) }
```

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

```
.background{ background-color: rgb(73, 97,  
148) }
```

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