

Converting Colors

RGB(74, 109, 146)

Have a look what the booklet for
RGB(74, 109, 146) contains.

RGB(74, 109, 146)	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(74, 109, 146)

Conversions

Conversions Part 1

Format	Color
Hex	4A6D92
RGB	74, 109, 146
RGB Percent	29%, 43%, 57%
CMY	0.7098, 0.5725, 0.4275
CMYK	0.49, 0.25, 0.00, 0.43
HSL	211°, 33%, 43%
HSV	211°, 49%, 57%
XYZ	13.4810, 14.4684, 29.2763
YIQ	102.7530, -32.7370, 4.0870

Conversions

Conversions Part 2

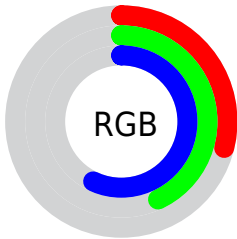
Format	Color
R_{YB}	74, 98, 146
Decimal	4877714
CIE _{Lab}	44.90, -1.73, -24.09
CIE _{LCh}	45, 24.154, 265.882
Yxy	14.4684, 0.2356, 0.2528
Android (android.graphics.Color)	4283067794 (0xFF4A6D92)
YUV	102.7530, 21.3208, -25.2164
Hunter-Lab	38.0374, -3.3026, -19.0076

Details

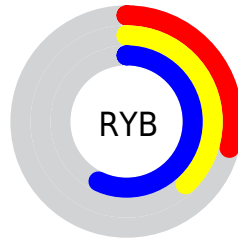
The RGB color **74, 109, 146** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **146, 111, 74**, and the grayscale version is **103, 103, 103**.

A 20% lighter version of the original color is **127, 160, 200**, and **18, 62, 95** is the 20% darker color. If you saturate the color by 10%, you get **59, 101, 146**, and if you desaturate by 10%, it is **89, 117, 146**.

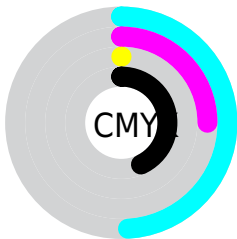
Distribution



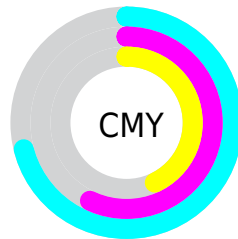
- Red (29%)
- Green (43%)
- Blue (57%)



- Red (29%)
- Yellow (38%)
- Blue (57%)



- Cyan (49%)
- Magenta (25%)
- Yellow (0%)
- Black (43%)



- Cyan (71%)
- Magenta (57%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 74, 109, 146 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, 109, 146 by changing the saturation by 10% instead.



74, 109, 146



74, 109, 146

255, 255, 255



48, 85, 120



127, 160, 200



18, 62, 95



154, 187, 228



0, 40, 71



181, 215, 255



0, 20, 49



210, 243, 255



0, 1, 28



238, 255, 255



0, 0, 0



74, 109, 146



74, 109, 146



59, 101, 146



89, 117, 146



45, 94, 146



103, 124, 146

■ 30, 86, 146

■ 118, 132, 146

■ 16, 79, 146

■ 132, 139, 146

■ 1, 71, 146

■ 147, 147, 146

■ 0, 71, 146

■ 162, 154, 146

■ 176, 162, 146

■ 191, 169, 146

■ 205, 177, 146

Harmonies

Analogous

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



44, 114, 139



74, 109, 146



105, 102, 142

Triad

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



74, 109, 146



146, 92, 90



78, 115, 83

Complementary

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



74, 109, 146



146, 111, 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.



102, 110, 69



74, 109, 146



138, 97, 74

Square

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



74, 109, 146



143, 91, 110



122, 104, 66



54, 117, 103

Rectangle

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



74, 109, 146



122, 97, 134



122, 104, 66



86, 114, 78

Sweetspot

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



74, 109, 146



160, 174, 189



74, 146, 110



77, 86, 94



222, 222, 222



94, 94, 94

Same Dimension

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



74, 109, 146



77, 131, 189



74, 74, 146



67, 70, 74



0, 67, 138



0, 5, 10

Inverse Universe

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



146, 74, 109



189, 77, 131



146, 146, 74



74, 67, 70



138, 0, 67



10, 0, 5

Previews

White Background



This preview shows how the RGB color 74, 109, 146 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, 109, 146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

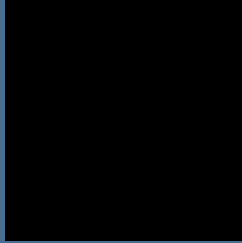
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

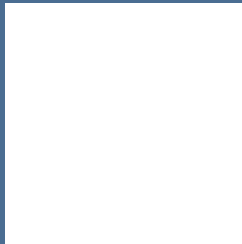
Any Text WCAG AAA × Fail

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

RGB 74, 109, 146 Background



This preview shows how black text looks on a background with the RGB color 74, 109, 146.

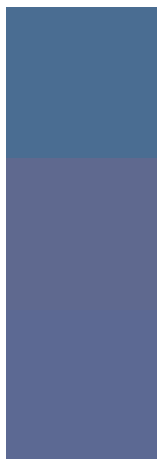


This preview shows how white text looks on a background with the RGB color 74, 109, 146.

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, 109, 146

Protanopia

95, 105, 143

Deuteranopia

92, 105, 147



Tritanopia
66, 113, 122

Trichromacy



Original Color

74, 109, 146

Protanomaly

87, 106, 144

Deuteranomaly

85, 106, 147

Tritanomaly

69, 112, 131

Monochromacy



Original Color

74, 109, 146

Achromatopsia

103, 103, 103

Achromatomaly

92, 105, 119

CSS Examples

Text

The CSS property to change the color of the text to RGB 74, 109, 146 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, 109, 146)` looks like.

```
.text, #text, p{  
    color:rgb(74, 109, 146)  
}
```

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, 109, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 109, 146) }
```

Border

The CSS property to change the border of an element to RGB 74, 109, 146 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, 109, 146) }
```

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

```
.border{ border-color:rgb(74, 109, 146) }
```

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

Here you see how a box with a 4 pixel rgb(74, 109, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 109, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 109, 146);  
box-shadow:4px 4px 4px 4px rgb(74, 109,  
146) }
```

Background

The CSS property to change the background color of an element to RGB 74, 109, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 109, 146) }
```

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

```
.background{ background-color: rgb(74, 109,  
146) }
```

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