

Converting Colors

RGB(114, 159, 174)

Have a look what the booklet for
RGB(114, 159, 174) contains.

RGB(114, 159, 174)	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(114, 159, 174)

Conversions

Conversions Part 1

Format	Color
Hex	729FAE
RGB	114, 159, 174
RGB Percent	45%, 62%, 68%
CMY	0.5529, 0.3765, 0.3176
CMYK	0.34, 0.09, 0.00, 0.32
HSL	195°, 27%, 56%
HSV	195°, 34%, 68%
XYZ	26.9775, 31.4297, 44.6891
YIQ	147.2550, -31.6350, -4.8750

Conversions

Conversions Part 2

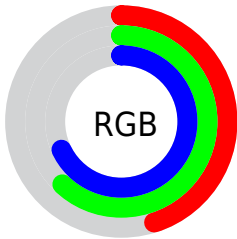
Format	Color
R _{YB}	114, 140, 174
Decimal	7511982
CIE _{Lab}	62.87, -11.36, -12.65
CIE _{LCh}	63, 17.002, 228.081
Y _{xy}	31.4297, 0.2617, 0.3049
Android (android.graphics.Color)	4285702062 (0xFF729FAE)
Y _{UV}	147.2550, 13.1853, -29.1646
Hunter-Lab	56.0622, -12.2132, -8.0186

Details

The RGB color **114, 159, 174** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **174, 129, 114**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **168, 214, 229**, and **63, 108, 122** is the 20% darker color. If you saturate the color by 10%, you get **97, 155, 174**, and if you desaturate by 10%, it is **131, 163, 174**.

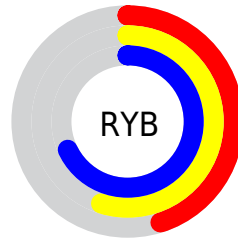
Distribution



Red (45%)

Green (62%)

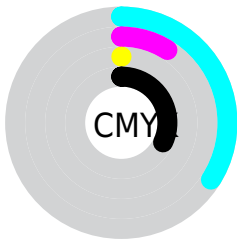
Blue (68%)



Red (45%)

Yellow (55%)

Blue (68%)

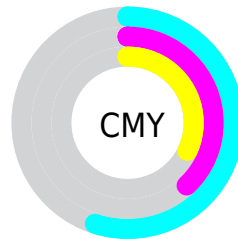


Cyan (34%)

Magenta (9%)

Yellow (0%)

Black (32%)



Cyan (55%)

Magenta (38%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 114, 159, 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 114, 159, 174 by changing the saturation by 10% instead.

■ 114, 159, 174

255, 255, 255

■ 168, 214, 229

■ 196, 242, 255

■ 224, 255, 255

253, 255, 255

■ 114, 159, 174

■ 114, 159, 174

■ 88, 133, 147

■ 63, 108, 122

■ 37, 83, 97

■ 6, 60, 73

■ 0, 38, 50

■ 0, 18, 30

■ 0, 0, 1

■ 0, 0, 0

■ 114, 159, 174

■ 97, 155, 174

■ 131, 163, 174

■ 79, 150, 174

■ 149, 168, 174

■ 62, 146, 174

■ 166, 172, 174

■ 44, 142, 174

■ 184, 176, 174

■ 27, 137, 174

■ 201, 181, 174

■ 10, 133, 174

■ 218, 185, 174

■ 0, 131, 174

■ 236, 189, 174

■ 253, 194, 174

■ 255, 198, 174

Harmonies

Analogous

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



112, 161, 161



114, 159, 174



127, 155, 181

Triad

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



114, 159, 174



179, 142, 159



154, 154, 123

Complementary

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



114, 159, 174



174, 129, 114

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.



170, 149, 123



114, 159, 174



184, 142, 143

Square

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



114, 159, 174



166, 145, 172



180, 144, 130



137, 158, 132

Rectangle

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



114, 159, 174



140, 152, 182



180, 144, 130



160, 152, 122

Sweetspot

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



114, 159, 174



204, 221, 227



114, 174, 129



101, 111, 115



242, 242, 242



115, 115, 115

Same Dimension

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



114, 159, 174



134, 204, 227



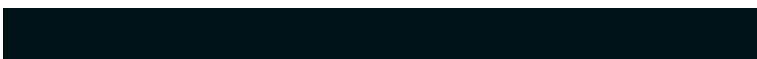
114, 129, 174



78, 85, 87



0, 113, 150



0, 17, 23

Inverse Universe

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



174, 114, 159



227, 134, 204



174, 159, 114



87, 78, 85



150, 0, 113



23, 0, 17

Previews

White Background



This preview shows how the RGB color 114, 159, 174 looks on a white background.

Color Contrast Check

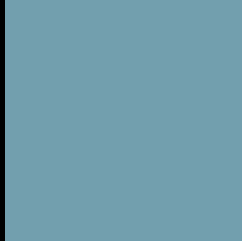
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 114, 159, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

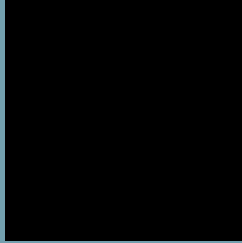
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

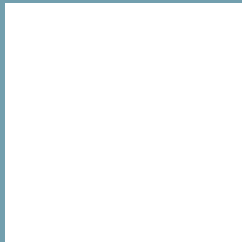
Any Text WCAG AAA ✓ Pass

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

RGB 114, 159, 174 Background



This preview shows how black text looks on a background with the RGB color 114, 159, 174.

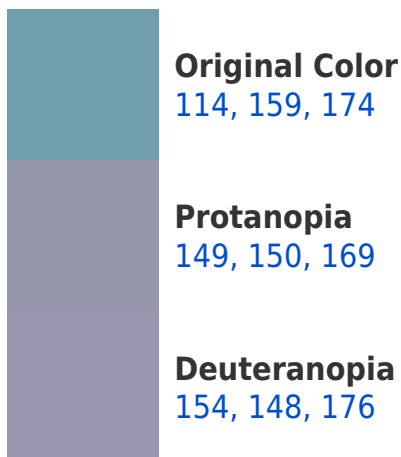



This preview shows how white text looks on a background with the RGB color 114, 159, 174.

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





Tritanopia
114, 159, 172

Trichromacy



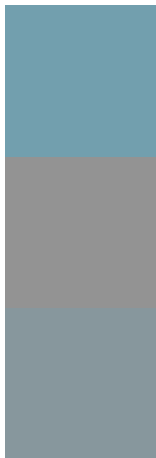
Original Color
114, 159, 174

Protanomaly
136, 153, 171

Deuteranomaly
139, 152, 175

Tritanomaly
114, 159, 173

Monochromacy



Original Color
114, 159, 174

Achromatopsia
147, 147, 147

Achromatomaly
135, 151, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 114, 159, 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(114, 159, 174)` looks like.

```
.text, #text, p{  
    color:rgb(114, 159, 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(114, 159, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 159, 174) }
```

Border

The CSS property to change the border of an element to RGB 114, 159, 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(114, 159, 174) }
```

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

```
.border{ border-color:rgb(114, 159, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 159, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 159, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 159, 174); box-shadow:4px 4px 4px 4px rgb(114, 159, 174) }
```

Background

The CSS property to change the background color of an element to RGB 114, 159, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 159, 174) }
```

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

```
.background{ background-color: rgb(114,  
159, 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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