

Converting Colors

RGB(71, 146, 146)

Have a look what the booklet for
RGB(71, 146, 146) contains.

RGB(71, 146, 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(71, 146, 146)

Conversions

Conversions Part 1

Format	Color
Hex	479292
RGB	71, 146, 146
RGB Percent	28%, 57%, 57%
CMY	0.7216, 0.4275, 0.4275
CMYK	0.51, 0.00, 0.00, 0.43
HSL	180°, 35%, 43%
HSV	180°, 51%, 57%
XYZ	18.0657, 23.9727, 30.8692
YIQ	123.5750, -44.7000, -15.9000

Conversions

Conversions Part 2

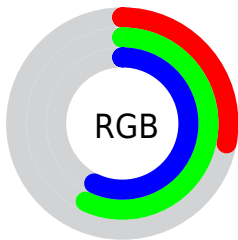
Format	Color
RYB	71, 109, 146
Decimal	4690578
CIELab	56.06, -23.12, -7.14
CIElCh	56, 24.203, 197.169
Yxy	23.9727, 0.2478, 0.3288
Android (android.graphics.Color)	4282880658 (0xFF479292)
YUV	123.5750, 11.0555, -46.1083
Hunter-Lab	48.9619, -19.8213, -3.1074

Details

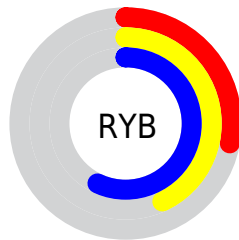
The RGB color **71, 146, 146** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **146, 71, 71**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **126, 200, 200**, and **1, 95, 96** is the 20% darker color. If you saturate the color by 10%, you get **56, 146, 146**, and if you desaturate by 10%, it is **86, 146, 146**.

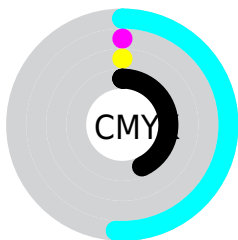
Distribution



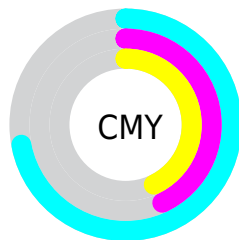
- Red (28%)
- Green (57%)
- Blue (57%)



- Red (28%)
- Yellow (43%)
- Blue (57%)



- Cyan (51%)
- Magenta (0%)
- Yellow (0%)
- Black (43%)



- Cyan (72%)
- Magenta (43%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 71, 146, 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 71, 146, 146 by changing the saturation by 10% instead.



71, 146, 146



71, 146, 146

255, 255, 255



42, 120, 120



126, 200, 200



1, 95, 96



153, 228, 228



0, 71, 72



182, 255, 255



0, 48, 50



210, 255, 255



0, 29, 28



239, 255, 255



0, 0, 1



0, 0, 0



71, 146, 146



71, 146, 146



56, 146, 146



86, 146, 146

■ 42, 146, 146

■ 100, 146, 146

■ 27, 146, 146

■ 115, 146, 146

■ 13, 146, 146

■ 129, 146, 146

■ 0, 146, 146

■ 144, 146, 146

■ 159, 146, 146

■ 173, 146, 146

■ 188, 146, 146

■ 202, 146, 146

Harmonies

Analogous

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



89, 145, 124



71, 146, 146



72, 144, 164

Triad

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



71, 146, 146



152, 125, 163



158, 130, 94

Complementary

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



71, 146, 146



146, 71, 71

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.



172, 123, 104



71, 146, 146



170, 120, 144

Square

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



71, 146, 146



125, 132, 174



177, 119, 123



137, 137, 94

Rectangle

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



71, 146, 146



85, 141, 173



177, 119, 123



163, 128, 96

Sweetspot

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



71, 146, 146



160, 189, 189



71, 146, 71



77, 94, 94



222, 222, 222



94, 94, 94

Same Dimension

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



71, 146, 146



72, 189, 189



71, 108, 146



67, 74, 74



0, 138, 138



0, 10, 10

Inverse Universe

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



146, 71, 146



189, 72, 189



146, 108, 71



74, 67, 74



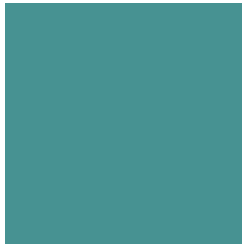
138, 0, 138



10, 0, 10

Previews

White Background



This preview shows how the RGB color 71, 146, 146 looks on a white 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

Black Background



This preview shows how the RGB color 71, 146, 146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

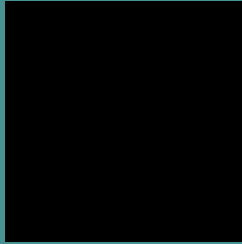
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 71, 146, 146 Background



This preview shows how black text looks on a background with the RGB color 71, 146, 146.

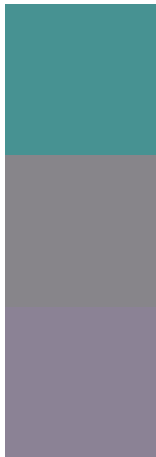


This preview shows how white text looks on a background with the RGB color 71, 146, 146.

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
71, 146, 146

Protanopia
135, 133, 138

Deuteranopia
139, 130, 149



Tritanopia
75, 144, 156

Trichromacy



Original Color

71, 146, 146

Protanomaly

112, 138, 141

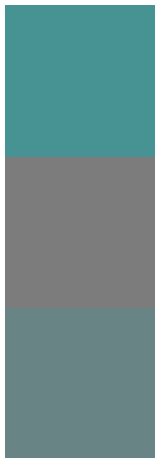
Deuteranomaly

114, 136, 148

Tritanomaly

74, 145, 152

Monochromacy



Original Color

71, 146, 146

Achromatopsia

124, 124, 124

Achromatomaly

105, 132, 132

CSS Examples

Text

The CSS property to change the color of the text to RGB 71, 146, 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(71, 146, 146)` looks like.

```
.text, #text, p{  
    color:rgb(71, 146, 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(71, 146, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 146, 146) }
```

Border

The CSS property to change the border of an element to RGB 71, 146, 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(71, 146, 146) }
```

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

```
.border{ border-color:rgb(71, 146, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 146, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(71, 146, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(71, 146, 146); box-shadow:4px 4px 4px 4px rgb(71, 146, 146) }
```

Background

The CSS property to change the background color of an element to RGB 71, 146, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 146, 146) }
```

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

```
.background{ background-color: rgb(71, 146,  
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