

Converting Colors

RGB(46, 147, 151)

Have a look what the booklet for
RGB(46, 147, 151) contains.

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Color

RGB(46, 147, 151)

Conversions

Conversions Part 1

Format	Color
Hex	2E9397
RGB	46, 147, 151
RGB Percent	18%, 58%, 59%
CMY	0.8196, 0.4235, 0.4078
CMYK	0.70, 0.03, 0.00, 0.41
HSL	182°, 53%, 39%
HSV	182°, 70%, 59%
XYZ	17.1463, 23.6826, 32.9457
YIQ	117.2570, -61.4800, -20.1680

Conversions

Conversions Part 2

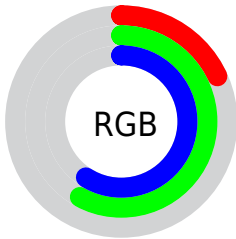
Format	Color
RYB	46, 97, 151
Decimal	3052439
CIELab	55.77, -26.83, -10.53
CIElCh	56, 28.821, 201.430
Yxy	23.6826, 0.2324, 0.3210
Android (android.graphics.Color)	4281242519 (0xFF2E9397)
YUV	117.2570, 16.6353, -62.4924
Hunter-Lab	48.6648, -22.2715, -6.0734




Details

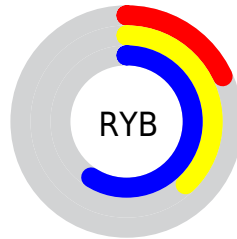
The RGB color **46, 147, 151** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **151, 50, 46**, and the grayscale version is **117, 117, 117**.




A 20% lighter version of the original color is **107, 201, 205**, and **0, 96, 100** is the 20% darker color. If you saturate the color by 10%, you get **31, 146, 151**, and if you desaturate by 10%, it is **61, 148, 151**.

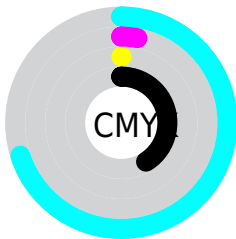
Distribution







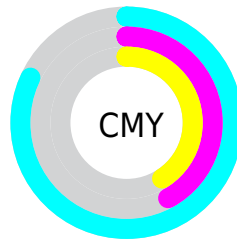
-  Red (18%)
-  Green (58%)
-  Blue (59%)






-  Red (18%)
-  Yellow (38%)
-  Blue (59%)



-  Cyan (70%)
-  Magenta (3%)
-  Yellow (0%)
-  Black (41%)



-  Cyan (82%)
-  Magenta (42%)
-  Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 46, 147, 151 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 46, 147, 151 by changing the saturation by 10% instead.



46, 147, 151



46, 147, 151

255, 255, 255



0, 121, 125



107, 201, 205



0, 96, 100



136, 230, 233



0, 72, 76



165, 255, 255



0, 49, 54



194, 255, 255



0, 29, 32



223, 255, 255



0, 0, 8

253, 255, 255



0, 0, 0



46, 147, 151



46, 147, 151



31, 146, 151



61, 148, 151

■ 16, 146, 151

■ 76, 148, 151

■ 1, 145, 151

■ 91, 149, 151

■ 0, 145, 151

■ 106, 149, 151

■ 122, 150, 151

■ 137, 150, 151

■ 152, 151, 151

■ 167, 152, 151

■ 182, 152, 151

Harmonies

Analogous

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



73, 147, 125



46, 147, 151



51, 144, 172

Triad

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



46, 147, 151



158, 121, 165



157, 130, 84

Complementary

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



46, 147, 151



151, 50, 46

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.



175, 121, 95



46, 147, 151



178, 115, 142

Square

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



46, 147, 151



127, 130, 180



183, 115, 117



132, 138, 86

Rectangle

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



46, 147, 151



74, 141, 180



183, 115, 117



164, 127, 87

Sweetspot

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



46, 147, 151



155, 195, 196



46, 151, 49



75, 99, 99



227, 227, 227



99, 99, 99

Same Dimension

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



46, 147, 151



33, 190, 196



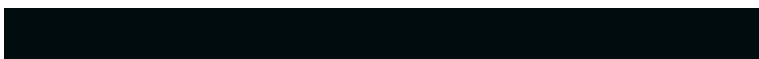
46, 95, 151



69, 76, 77



0, 135, 140



0, 12, 13

Inverse Universe

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



151, 46, 147



196, 33, 190



151, 102, 46



77, 69, 76



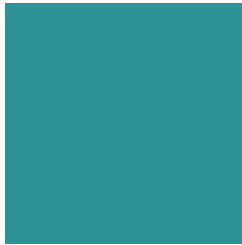
140, 0, 135



13, 0, 12

Previews

White Background



This preview shows how the RGB color 46, 147, 151 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 46, 147, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

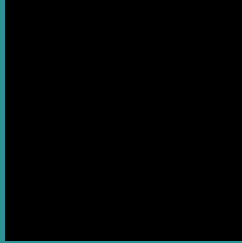
Any Text WCAG AA ✓ Pass

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 46, 147, 151 Background



This preview shows how black text looks on a background with the RGB color 46, 147, 151.

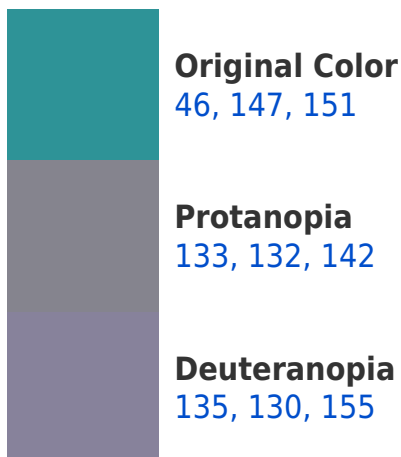


This preview shows how white text looks on a background with the RGB color 46, 147, 151.

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
50, 146, 158

Trichromacy



Original Color

46, 147, 151



Protanomaly

101, 137, 145



Deuteranomaly

103, 136, 154



Tritanomaly

49, 146, 155

Monochromacy



Original Color

46, 147, 151



Achromatopsia

117, 117, 117



Achromatomaly

91, 128, 129

CSS Examples

Text

The CSS property to change the color of the text to RGB 46, 147, 151 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(46, 147, 151)` looks like.

```
.text, #text, p{  
    color:rgb(46, 147, 151)  
}
```

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(46, 147, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 147, 151) }
```

Border

The CSS property to change the border of an element to RGB 46, 147, 151 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(46, 147, 151) }
```

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

```
.border{ border-color:rgb(46, 147, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 147, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 147, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 147, 151);  
box-shadow:4px 4px 4px 4px rgb(46, 147,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 46, 147, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 147, 151) }
```

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

```
.background{ background-color: rgb(46, 147,  
151) }
```

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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