

Converting Colors

RGB(47, 149, 149)

Have a look what the booklet for
RGB(47, 149, 149) contains.

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Color

RGB(47, 149, 149)

Conversions

Conversions Part 1

Format	Color
Hex	2F9595
RGB	47, 149, 149
RGB Percent	18%, 58%, 58%
CMY	0.8157, 0.4157, 0.4157
CMYK	0.68, 0.00, 0.00, 0.42
HSL	180°, 52%, 38%
HSV	180°, 68%, 58%
XYZ	17.3446, 24.2692, 32.2040
YIQ	118.5020, -60.7920, -21.6240

Conversions

Conversions Part 2

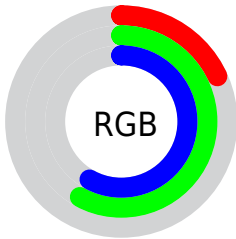
Format	Color
RYB	47, 98, 149
Decimal	3118485
CIELab	56.36, -28.28, -8.50
CIElCh	56, 29.527, 196.734
Yxy	24.2692, 0.2350, 0.3288
Android (android.graphics.Color)	4281308565 (0xFF2F9595)
YUV	118.5020, 15.0355, -62.7073
Hunter-Lab	49.2637, -23.3661, -4.2737

Details

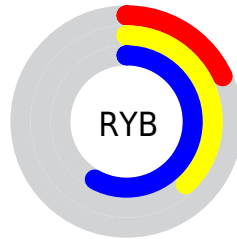
The RGB color **47, 149, 149** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **149, 47, 47**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **108, 204, 203**, and **0, 98, 98** is the 20% darker color. If you saturate the color by 10%, you get **32, 149, 149**, and if you desaturate by 10%, it is **62, 149, 149**.

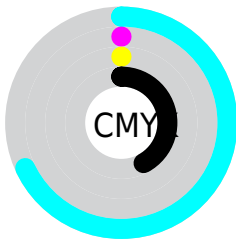
Distribution



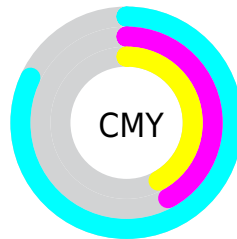
- Red (18%)
- Green (58%)
- Blue (58%)



- Red (18%)
- Yellow (38%)
- Blue (58%)



- Cyan (68%)
- Magenta (0%)
- Yellow (0%)
- Black (42%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 47, 149, 149 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 47, 149, 149 by changing the saturation by 10% instead.



47, 149, 149



47, 149, 149

255, 255, 255



0, 123, 123



108, 204, 203



0, 98, 98



137, 232, 231



0, 73, 75



165, 255, 255



0, 50, 52



194, 255, 255



0, 31, 31



224, 255, 255



0, 0, 5

254, 255, 255



0, 0, 0



47, 149, 149



47, 149, 149



32, 149, 149



62, 149, 149

■ 17, 149, 149

■ 77, 149, 149

■ 2, 149, 149

■ 92, 149, 149

■ 0, 149, 149

■ 107, 149, 149

■ 122, 149, 149

■ 136, 149, 149

■ 151, 149, 149

■ 166, 149, 149

■ 181, 149, 149

Harmonies

Analogous

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



77, 148, 122



47, 149, 149



45, 147, 172

Triad

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



47, 149, 149



156, 123, 171



163, 130, 85

Complementary

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



47, 149, 149



149, 47, 47

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.



180, 121, 99



47, 149, 149



178, 117, 148

Square

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



47, 149, 149



122, 133, 184



186, 116, 122



138, 138, 85

Rectangle

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



47, 149, 149



67, 143, 182



186, 116, 122



169, 127, 88

Sweetspot

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



47, 149, 149



153, 194, 194



47, 149, 47



73, 97, 97



224, 224, 224



97, 97, 97

Same Dimension

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



47, 149, 149



35, 194, 194



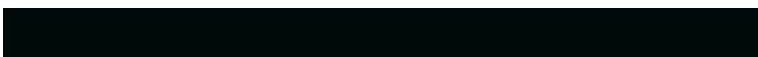
47, 98, 149



67, 74, 74



0, 138, 138



0, 10, 10

Inverse Universe

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



149, 47, 149



194, 35, 194



149, 98, 47



74, 67, 74



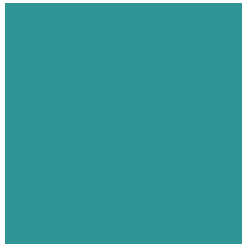
138, 0, 138



10, 0, 10

Previews

White Background



This preview shows how the RGB color 47, 149, 149 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 47, 149, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

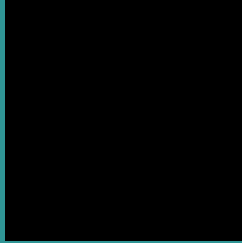
Any Text WCAG AA ✓ Pass

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 47, 149, 149 Background



This preview shows how black text looks on a background with the RGB color 47, 149, 149.

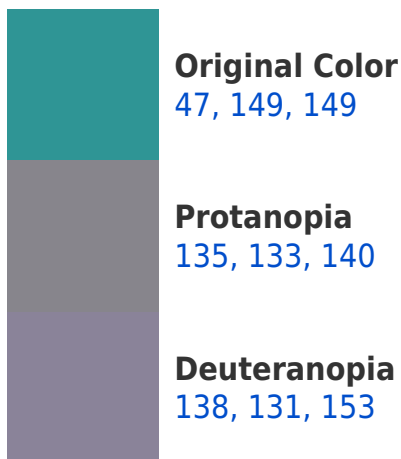


This preview shows how white text looks on a background with the RGB color 47, 149, 149.

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
53, 147, 159

Trichromacy



Original Color

47, 149, 149



Protanomaly

103, 139, 143



Deuteranomaly

105, 138, 152



Tritanomaly

51, 148, 155

Monochromacy



Original Color

47, 149, 149



Achromatopsia

119, 119, 119



Achromatomaly

93, 130, 130

CSS Examples

Text

The CSS property to change the color of the text to RGB 47, 149, 149 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(47, 149, 149)` looks like.

```
.text, #text, p{  
    color:rgb(47, 149, 149)  
}
```

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(47, 149, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 149, 149) }
```

Border

The CSS property to change the border of an element to RGB 47, 149, 149 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(47, 149, 149) }
```

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

```
.border{ border-color:rgb(47, 149, 149) }
```

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

Here you see how a box with a 4 pixel rgb(47, 149, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 149, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 149, 149);  
box-shadow:4px 4px 4px 4px rgb(47, 149,  
149) }
```

Background

The CSS property to change the background color of an element to RGB 47, 149, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 149, 149) }
```

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

```
.background{ background-color: rgb(47, 149,  
149) }
```

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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