

Converting Colors

`RYB(94, 149, 149)`

Have a look what the booklet for
RYB(94, 149, 149) contains.

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Color

`RYB(94, 149, 149)`

Conversions

Conversions Part 1	
Format	Color
Hex	5E955E
RGB	94, 149, 94
RGB Percent	37%, 58%, 37%
CMY	0.6314, 0.4157, 0.6314
CMYK	0.37, 0.00, 0.37, 0.42
HSL	120°, 23%, 48%
HSV	120°, 37%, 58%
XYZ	17.3839, 24.6827, 14.4377
YIQ	126.2850, -15.1250, -28.7650

Conversions

Conversions Part 2

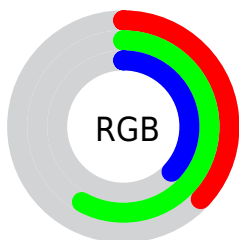
Format	Color
RYB	94, 149, 149
Decimal	6198622
CIELab	56.76, -29.82, 23.47
CIELCh	57, 37.952, 141.799
Yxy	24.6827, 0.3077, 0.4368
Android (android.graphics.Color)	4284388702 (0xFF5E955E)
YUV	126.2850, -15.9165, -28.3139
Hunter-Lab	49.6817, -24.4848, 17.5473

Details

The RYB color **94, 149, 149** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **149, 94, 149**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **145, 203, 201**, and **43, 94, 98** is the 20% darker color. If you saturate the color by 10%, you get **79, 149, 149**, and if you desaturate by 10%, it is **109, 149, 149**.

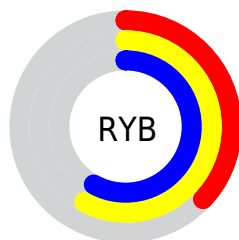
Distribution



Red (37%)

Green (58%)

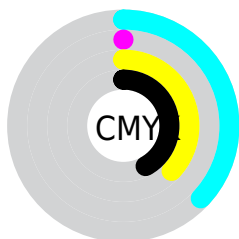
Blue (37%)



Red (37%)

Yellow (58%)

Blue (58%)

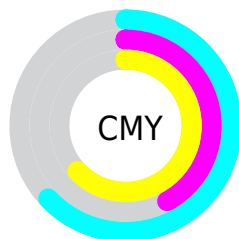


Cyan (37%)

Magenta (0%)

Yellow (37%)

Black (42%)



Cyan (63%)

Magenta (42%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the RYB color 94, 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 RYB color 94, 149, 149 by changing the saturation by 10% instead.



94, 149, 149



94, 149, 149

255, 255, 255



69, 122, 123



145, 203, 201



43, 94, 98



172, 232, 230



16, 65, 73



199, 255, 252



0, 50, 50



227, 255, 252



0, 31, 31



0, 0, 0



94, 149, 149



94, 149, 149



79, 149, 149




109, 149, 149





64, 149, 149




124, 149, 149

 49, 149, 149

 139, 149, 149

 34, 149, 149

 154, 149, 154

 19, 149, 149

 169, 149, 169

 5, 149, 149

 183, 149, 183

 0, 149, 149

 198, 149, 198

 213, 149, 213

 228, 149, 228

Harmonies

Analogous

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



73, 142, 82



94, 149, 149



40, 104, 153

Triad

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



94, 149, 149



62, 113, 201



199, 111, 113

Complementary

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



94, 149, 149



149, 94, 149

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.



193, 110, 147



94, 149, 149



125, 131, 198

Square

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



94, 149, 149



0, 83, 187



169, 119, 177



188, 136, 85

Rectangle

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



94, 149, 149



0, 78, 153



169, 119, 177



199, 109, 124

Sweetspot

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



94, 149, 149



172, 194, 194



94, 149, 94



84, 97, 97



224, 224, 224



97, 97, 97

Same Dimension

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



94, 149, 149



109, 194, 194



94, 130, 149



67, 74, 74



0, 138, 138



0, 10, 10

Inverse Universe

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



149, 94, 149



194, 109, 194



149, 94, 122



74, 67, 74



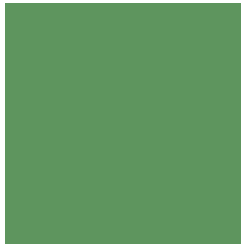
138, 0, 138



10, 0, 10

Previews

White Background



This preview shows how the RYB color 94, 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 RYB color 94, 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](#).

RYB 94, 149, 149 Background



This preview shows how black text looks on a background with the RYB color 94, 149, 149.



This preview shows how white text looks on a background with the RYB color 94, 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



Original Color

94, 149, 149

Protanopia

103, 147, 89

Deuteranopia





159, 161, 98






Tritanopia

105, 126, 153

Trichromacy

	Original Color 94, 149, 149
	Protanomaly 91, 141, 104
	Deuteranomaly 97, 137, 97
	Tritanomaly 101, 127, 145

Monochromacy

	Original Color 94, 149, 149
	Achromatopsia 126, 126, 126
	Achromatomaly 114, 134, 134

CSS Examples

Text

The CSS property to change the color of the text to RGB 94, 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(94, 149, 94) looks like.

```
.text, #text, p{  
    color:rgb(94, 149, 94)  
}
```

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(94, 149, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 149, 94) }
```

Border

The CSS property to change the border of an element to RYB 94, 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(94, 149, 94) }
```

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

```
.border{ border-color:rgb(94, 149, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 149, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 149, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 149, 94);  
box-shadow:4px 4px 4px 4px rgb(94, 149,  
94) }
```

Background

The CSS property to change the background color of an element to RGB 94, 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(94, 149, 94) }
```

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

```
.background{ background-color: rgb(94, 149,  
94) }
```

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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