

Converting Colors

HunterLab(53.4504, -17.6096,
-0.2422)

Have a look what the booklet for
HunterLab(53.4504, -17.6096,
-0.2422) contains.

HunterLab(53.3095, -17.4698, -0.4951)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(53.3095,
-17.4698, -0.4951)**

Conversions

Conversions Part 1

Format	Color
Hex	649B98
RGB	100, 155, 152
RGB Percent	39%, 61%, 60%
CMY	0.6078, 0.3921, 0.4039
CMYK	0.35, 0.00, 0.02, 0.39
HSL	177°, 22%, 50%
HSV	177°, 35%, 61%
XYZ	22.6444, 28.4190, 33.9977
YIQ	138.2130, -31.8170, -12.5930

Conversions

Conversions Part 2

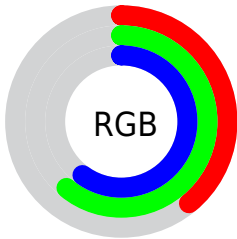
Format	Color
RYB	100, 128, 155
Decimal	6593432
CIELab	60.27, -18.77, -4.19
CIELCh	60, 19.229, 192.587
Yxy	28.4202, 0.2662, 0.3341
Android (android.graphics.Color)	4284783512 (0xFF649B98)
YUV	138.2130, 6.7970, -33.5128
Hunter-Lab	53.3095, -17.4698, -0.4951

Details

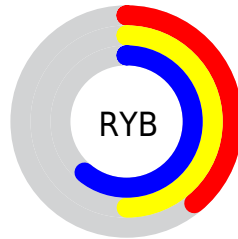
The HunterLab color $[53.3095, -17.4698, -0.4951]$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $[41.3074, 16.4013, 7.3208]$, and the grayscale version is $[50.4822, -2.6936, 2.7428]$.

A 20% lighter version of the original color is $[75.7111, -20.9211, 0.5589]$, and $[33.9016, -14.2263, -0.8912]$ is the 20% darker color. If you saturate the color by 10%, you get $[52.5273, -20.4863, -1.1139]$, and if you desaturate by 10%, it is $[54.2379, -13.9712, 0.3047]$.

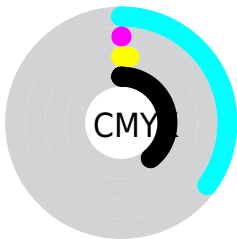
Distribution



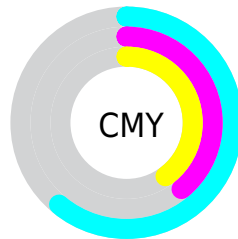
- Red (39%)
- Green (61%)
- Blue (60%)



- Red (39%)
- Yellow (50%)
- Blue (61%)



- Cyan (35%)
- Magenta (0%)
- Yellow (2%)
- Black (39%)



- Cyan (61%)
- Magenta (39%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.3095, -17.4698, -0.4951 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 HunterLab color 53.3095, -17.4698, -0.4951 by changing the saturation by 10% instead.

■ 53.3095, -17.4698,
-0.4951

■ 53.3095, -17.4698,
-0.4951

171.6010,
-31.4436, 4.4113

■ 43.1771, -15.8175,
-0.8305

■ 75.6006, -20.6662,
0.3245

■ 33.7821, -14.1066,
-1.1110

■ 87.6814, -22.2293,
0.7995

■ 25.1891, -12.3107,
-1.3285

■ 100.3447,
-23.7783, 1.3141

■ 17.4812, -10.3846,
-1.4728

■ 113.5651,
-25.3179, 1.8661

■ 10.7749, -8.5499,
-1.5286

127.3199,
-26.8516, 2.4535

■ 1.7175, -3.0056,
-10.0201

141.5892,

0.0000, NaN, NaN

-28.3824, 3.0745

0.0000, NaN, NaN

156.3549,
-29.9124, 3.7275

0.0000, NaN, NaN

■ 53.3095, -17.4698,
-0.4951

■ 53.3095, -17.4698,
-0.4951

■ 52.5273, -20.4863,
-1.1139

■ 54.2379, -13.9712,
0.3047

■ 51.8854, -23.0048,
-1.5526

■ 55.3101, -10.0131,
1.2783

■ 51.3799, -25.0238,
-1.8135

■ 56.5261, -5.6278,
2.4184

■ 51.0034, -26.5559,
-1.9044

■ 57.8834, -0.8522,
3.7148

■ 50.7453, -27.6300,
-1.8385

■ 59.3786, 4.2740,
5.1556

■ 50.5896, -28.3019,
-1.6375

■ 61.0071, 9.7103,
6.7283

■ 50.5331, -28.5509,
-1.5288

■ 62.7637, 15.4170,
8.4200

■ 64.6428, 21.3566,
10.2181

■ 66.6386, 27.4945,
12.1105

Harmonies

Analogous

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



53.3106, -17.1624, 7.2254



53.3095, -17.4698, -0.4951



53.3106, -14.0371, -8.3599

Triad

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



53.3106, -17.4704, -0.4943



53.3106, 8.3240, -9.4544



53.3106, 1.9862, 15.3917

Complementary

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



53.3095, -17.4698, -0.4951



41.3074, 16.4013, 7.3208

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.



53.3106, 9.3490, 12.1414



53.3095, -17.4698, -0.4951



53.3106, 13.1582, -1.8173

Square

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



53.3106, -17.4704, -0.4943



53.3106, 0.6556, -14.0371



53.3106, 13.5443, 6.0883



53.3106, -6.2622, 15.6345

Rectangle

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



53.3095, -17.4698, -0.4951



53.3106, -9.9599, -12.3165



53.3106, 13.5443, 6.0883



53.3106, 4.6588, 14.6403

Sweetspot

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



53.3106, -17.4704, -0.4943



74.6881, -10.9616, 2.3355



52.2371, -24.1224, 18.0808



35.4383, -5.5592, 1.0222



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



53.3106, -17.4704, -0.4943



70.4521, -26.7967, -1.3709



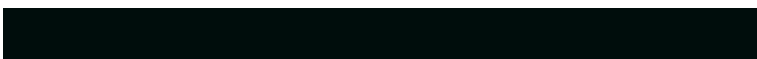
46.2107, -6.2732, -11.4241



26.4967, -3.4563, 0.9331



45.2897, -25.5751, -1.3989



5.5514, -3.0447, -0.3660

Inverse Universe

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



41.3074, 16.4013, 7.3208



51.0364, 28.4915, 11.4687



47.1839, 4.4599, 14.0018



24.9557, 0.8299, 1.9121



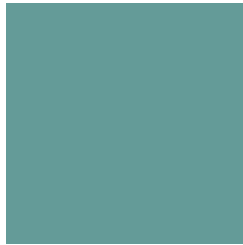
23.6938, 40.6472, 14.7616



2.9190, 5.0510, 1.4812

Previews

White Background



This preview shows how the HunterLab color 53.3095, -17.4698, -0.4951 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 HunterLab color 53.3095, -17.4698, -0.4951 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

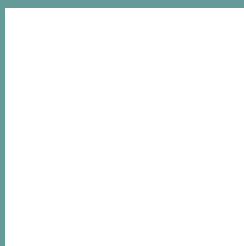
Any Text WCAG AAA × Fail

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

HunterLab 53.3095, -17.4698, -0.4951 Background



This preview shows how black text looks on a background with the HunterLab color 53.3095, -17.4698, -0.4951.



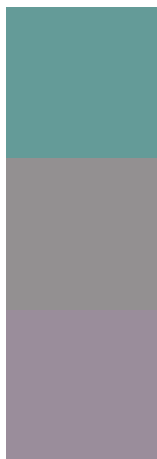
This preview shows how white text looks on a background with the HunterLab color 53.3095,

-17.4698, -0.4951.

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

53.3095, -17.4698, -0.4951

Protanopia

53.0979, -1.7627, 2.7758

Deuteranopia

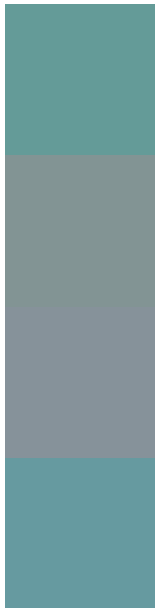
53.1849, 3.4770, -1.7369



Tritanopia

53.2754, -13.5690, -7.0257

Trichromacy



Original Color

53.3095, -17.4698, -0.4951

Protanomaly

52.9752, -7.9937, 1.1465

Deuteranomaly

52.8765, -4.9551, -1.7845

Tritanomaly

53.3611, -15.1718, -4.3377

Monochromacy



Original Color

53.3095, -17.4698, -0.4951

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

51.2004, -8.5672, 1.3070

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.3095, -17.4698, -0.4951 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(100, 155, 152)` looks like.

```
.text, #text, p{  
    color:rgb(100, 155, 152)  
}
```

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(100, 155, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 155, 152) }
```

Border

The CSS property to change the border of an element to HunterLab 53.3095, -17.4698, -0.4951 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(100, 155, 152) }
```


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

```
.border{ border-color:rgb(100, 155, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 155, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 155, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 155, 152);  
box-shadow:4px 4px 4px 4px rgb(100, 155,  
152) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.3095, -17.4698, -0.4951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 155, 152) }
```

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

```
.background{ background-color: rgb(100,  
155, 152) }
```

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