

Converting Colors

HunterLab(59.9996, -15.6411,
-15.0787)

Have a look what the booklet for
HunterLab(59.9996, -15.6411,
-15.0787) contains.

HunterLab(59.9467, -15.5590, -14.9859)	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(59.9467,
-15.5590, -14.9859)**

Conversions

Conversions Part 1

Format	Color
Hex	66ABC4
RGB	102, 171, 196
RGB Percent	40%, 67%, 77%
CMY	0.6000, 0.3294, 0.2314
CMYK	0.48, 0.13, 0.00, 0.23
HSL	196°, 44%, 58%
HSV	196°, 48%, 77%
XYZ	30.0062, 35.9361, 57.5794
YIQ	153.2190, -49.1490, -6.8530

Conversions

Conversions Part 2

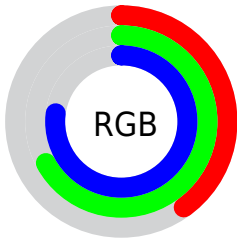
Format	Color
RYB	102, 142, 196
Decimal	6728644
CIELab	66.47, -15.02, -19.54
CIELCh	66, 24.648, 232.447
Yxy	35.9374, 0.2429, 0.2909
Android (android.graphics.Color)	4284918724 (0xFF66ABC4)
YUV	153.2190, 21.0910, -44.9191
Hunter-Lab	59.9467, -15.5590, -14.9859

Details

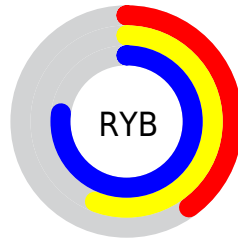
The HunterLab color $59.9467, -15.5590, -14.9859$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $52.7965, 18.3423, 18.7364$, and the grayscale version is $56.4614, -3.0126, 3.0677$.

A 20% lighter version of the original color is $82.9178, -18.0378, -15.6703$, and $39.6007, -12.8762, -14.1387$ is the 20% darker color. If you saturate the color by 10%, you get $57.4402, -16.3766, -18.7993$, and if you desaturate by 10%, it is $62.6335, -14.1317, -11.0903$.

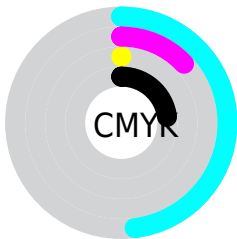
Distribution



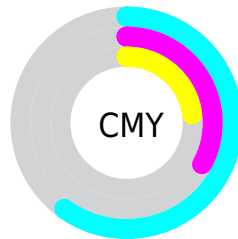
- Red (40%)
- Green (67%)
- Blue (77%)



- Red (40%)
- Yellow (56%)
- Blue (77%)



- Cyan (48%)
- Magenta (13%)
- Yellow (0%)
- Black (23%)



- Cyan (60%)
- Magenta (33%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.9467, -15.5590, -14.9859 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 59.9467, -15.5590, -14.9859 by changing the saturation by 10% instead.

■ 59.9467, -15.5590,
-14.9859

■ 59.9467, -15.5590,
-14.9859

181.2973,
-27.9563, -14.7538

■ 49.3821, -14.1532,
-14.7293

■ 83.0274, -18.3247,
-15.3048

■ 39.5223, -12.7192,
-14.4065

■ 95.4729, -19.6959,
-15.3760

■ 30.4232, -11.2423,
-14.0171

■ 108.4848,
-21.0649, -15.3925

■ 22.1548, -9.6983,
-13.5709

■ 122.0393,
-22.4346, -15.3575

■ 14.8108, -8.0449,
-13.1060

136.1155,
-23.8070, -15.2737

■ 8.4646, -8.1858,
-12.9515

150.6949,

0.0000, NaN, -NF

-25.1839, -15.1437

0.0000, NaN, NaN

165.7605,
-26.5666, -14.9697

0.0000, NaN, NaN

■ 59.9467, -15.5590,
-14.9859

■ 59.9467, -15.5590,
-14.9859

■ 57.4402, -16.3766,
-18.7993

■ 62.6335, -14.1317,
-11.0903

■ 55.1164, -16.5494,
-22.5071

■ 65.4891, -12.1375,
-7.1399

■ 52.9791, -16.0600,
-26.0818

■ 68.5060, -9.6246,
-3.1549

■ 51.0257, -14.9158,
-29.5030

■ 71.6745, -6.6419,
0.8479

■ 49.2379, -13.1893,
-32.7778

■ 74.9853, -3.2366,
4.8551

■ 48.8817, -12.8080,
-33.4490

■ 78.4292, 0.5467,
8.8568

■ 81.9975, 4.6676,
12.8457

■ 85.2556, 7.6709,
16.3490

■ 86.8015, 4.9066,
17.9000

Harmonies

Analogous

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



59.9478, -21.5288, -4.9409



59.9467, -15.5590, -14.9859



59.9478, -5.9576, -20.3121

Triad

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



59.9478, -15.5593, -14.9849



59.9478, 19.2452, 0.5569



59.9478, -11.0678, 19.0428

Complementary

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



59.9467, -15.5590, -14.9859



52.7965, 18.3423, 18.7364

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.



59.9478, -0.3954, 19.9818



59.9467, -15.5590, -14.9859



59.9478, 17.6312, 10.4500

Square

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



59.9478, -15.5593, -14.9849



59.9478, 14.5092, -10.3448



59.9478, 10.2454, 17.1259



59.9478, -19.0691, 14.2792

Rectangle

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



59.9467, -15.5590, -14.9859



59.9478, 1.4263, -19.9033



59.9478, 10.2454, 17.1259



59.9478, -7.6938, 19.7765

Sweetspot

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



59.9478, -15.5593, -14.9849



93.7752, -11.5241, -2.2343



66.1807, -37.7226, 22.5865



42.9570, -5.7244, -1.5796

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



59.9478, -15.5593, -14.9849



77.0019, -22.1019, -25.7849



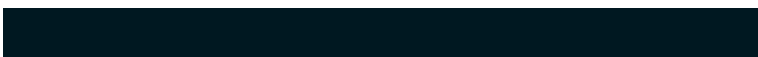
46.4818, 6.3725, -37.8624



33.1067, -3.2944, 0.1328



39.3703, -10.5386, -26.4596



8.8191, -3.0833, -4.3671

Inverse Universe

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



49.1730, 40.5192, -15.4470



60.6110, 67.2733, -24.8029



65.1089, -4.2456, 28.5975



31.9379, 2.1179, -0.0831



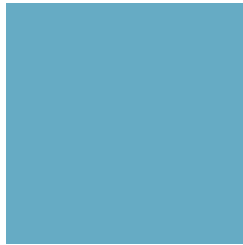
29.7439, 55.3288, -14.8221



6.2702, 11.8120, -4.2740

Previews

White Background



This preview shows how the HunterLab color 59.9467, -15.5590, -14.9859 looks on a white background.

Color Contrast Check

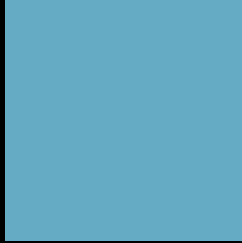
Large Text (above 18pt) WCAG AA × Fail

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 59.9467, -15.5590, -14.9859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

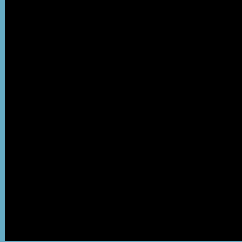
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 59.9467, -15.5590, -14.9859 Background



This preview shows how black text looks on a background with the HunterLab color 59.9467, -15.5590, -14.9859.



This preview shows how white text looks on a background with the HunterLab color 59.9467, -15.5590, -14.9859.

-15.5590, -14.9859.

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

59.9467, -15.5590, -14.9859

Protanopia

59.7838, 0.3740, -10.3389

Deuteranopia

59.7874, 4.1674, -16.6696



Tritanopia

60.1063, -18.8889, -9.6687

Trichromacy



Original Color

59.9467, -15.5590, -14.9859

Protanomaly

59.6211, -6.0386, -12.3840

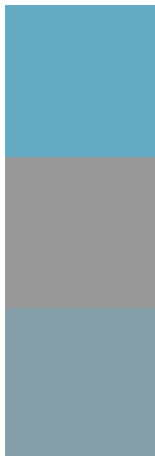
Deuteranomaly

59.6573, -3.8459, -16.4039

Tritanomaly

59.9434, -17.6442, -11.5563

Monochromacy



Original Color

59.9467, -15.5590, -14.9859

Achromatopsia

56.4399, -3.0115, 3.0665

Achromatomaly

57.5104, -8.8838, -3.4155

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.9467, -15.5590, -14.9859 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(102, 171, 196)` looks like.

```
.text, #text, p{  
    color:rgb(102, 171, 196)  
}
```

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(102, 171, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 171, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 59.9467, -15.5590, -14.9859 is called "border". The border property can be set on classes, ids or directly on the HTML element.

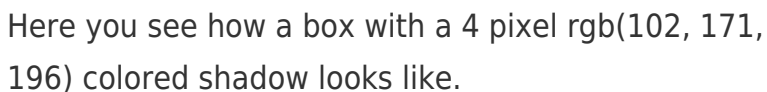
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(102, 171, 196) }
```


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

```
.border{ border-color:rgb(102, 171, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(102, 171, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(102, 171, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(102, 171, 196); box-shadow:4px 4px 4px 4px rgb(102, 171, 196) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.9467, -15.5590, -14.9859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 171, 196) }
```

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

```
.background{ background-color: rgb(102,  
171, 196) }
```

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