

Converting Colors

HunterLab(51.3599, -15.7938,
-15.3490)

Have a look what the booklet for
HunterLab(51.3599, -15.7938,
-15.3490) contains.

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Color

**HunterLab(51.2322,
-15.6439, -15.6411)**

Conversions

Conversions Part 1

Format	Color
Hex	4796AF
RGB	71, 150, 175
RGB Percent	28%, 59%, 69%
CMY	0.7215, 0.4118, 0.3137
CMYK	0.59, 0.14, 0.00, 0.31
HSL	194°, 42%, 48%
HSV	194°, 59%, 69%
XYZ	21.2427, 26.2474, 44.5040
YIQ	129.2290, -55.1090, -8.9730

Conversions

Conversions Part 2

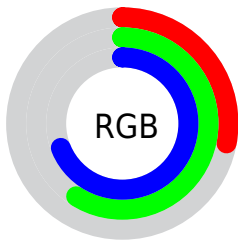
Format	Color
RYB	71, 116, 175
Decimal	4691631
CIELab	58.27, -16.70, -20.37
CIELCh	58, 26.343, 230.651
Yxy	26.2484, 0.2309, 0.2853
Android (android.graphics.Color)	4282881711 (0xFF4796AF)
YUV	129.2290, 22.5651, -51.0668
Hunter-Lab	51.2322, -15.6439, -15.6411

Details

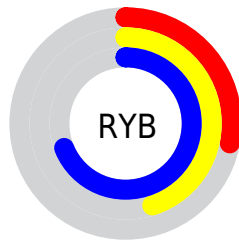
The HunterLab color $51.2322, -15.6439, -15.6411$ is a dark color, and the websafe version is hex $3399CC$. A complement of this color would be $42.3503, 22.8289, 18.1489$, and the grayscale version is $46.8744, -2.5011, 2.5468$.

A 20% lighter version of the original color is $73.1741, -18.4803, -16.4907$, and $32.1385, -11.9502, -14.3733$ is the 20% darker color. If you saturate the color by 10%, you get $49.3565, -15.9226, -18.5862$, and if you desaturate by 10%, it is $53.2680, -14.8044, -12.5786$.

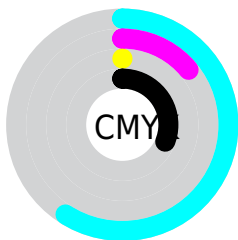
Distribution



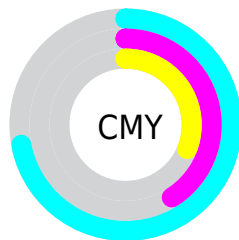
- Red (28%)
- Green (59%)
- Blue (69%)



- Red (28%)
- Yellow (45%)
- Blue (69%)



- Cyan (59%)
- Magenta (14%)
- Yellow (0%)
- Black (31%)



- Cyan (72%)
- Magenta (41%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.2322, -15.6439, -15.6411 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 51.2322, -15.6439, -15.6411 by changing the saturation by 10% instead.

■ 51.2322, -15.6439,
-15.6411

■ 51.2322, -15.6439,
-15.6411

168.5227,
-28.7608, -16.0308

■ 41.2426, -14.1111,
-15.3035

■ 73.2635, -18.6194,
-16.1175

■ 32.0020, -12.5285,
-14.9019

■ 85.2246, -20.0805,
-16.2632

■ 23.5780, -10.8707,
-14.4452

■ 97.7739, -21.5319,
-16.3513

■ 16.0592, -9.0940,
-13.9697

■ 110.8851,
-22.9779, -16.3849

■ 9.5713, -8.1214,
-13.6079

■ 124.5350,
-24.4215, -16.3671

0.0000, NaN, -NF

138.7031,

0.0000, NaN, -NF

-25.8653, -16.3005

0.0000, NaN, NaN

153.3712,
-27.3112, -16.1877

0.0000, NaN, NaN

■ 51.2322, -15.6439,
-15.6411

■ 51.2322, -15.6439,
-15.6411

■ 49.3565, -15.9226,
-18.5862

■ 53.2680, -14.8044,
-12.5786

■ 47.6384, -15.6309,
-21.3967

■ 55.4576, -13.4286,
-9.4231

■ 46.0748, -14.7821,
-24.0585

■ 57.7961, -11.5506,
-6.1947

■ 44.6372, -13.4844,
-26.6024

■ 60.2770, -9.2097,
-2.9126

■ 44.5558, -13.4066,
-26.7497

■ 62.8927, -6.4471,
0.4067

■ 65.6356, -3.3035,
3.7497

■ 68.4979, 0.1822,
7.1055

■ 71.4724, 3.9740,
10.4657

■ 74.5518, 8.0389,
13.8241

Harmonies

Analogous

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



51.2331, -21.3090, -4.9451



51.2322, -15.6439, -15.6411



51.2331, -6.1757, -21.7173

Triad

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



51.2331, -15.6440, -15.6402



51.2331, 20.2020, -0.6391



51.2331, -10.0866, 18.4484

Complementary

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



51.2322, -15.6439, -15.6411



42.3503, 22.8289, 18.1489

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.



51.2331, 0.7960, 19.1181



51.2322, -15.6439, -15.6411



51.2331, 18.9283, 9.4780

Square

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



51.2331, -15.6440, -15.6402



51.2331, 14.9352, -11.9148



51.2331, 11.5908, 16.1956



51.2331, -18.2962, 14.1162

Rectangle

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



51.2322, -15.6439, -15.6411



51.2331, 1.2903, -21.6007



51.2331, 11.5908, 16.1956



51.2331, -6.6424, 19.0668

Sweetspot

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



51.2331, -15.6440, -15.6402



81.0479, -11.9397, -3.4046



57.2985, -37.9456, 23.3732



37.7497, -6.0888, -2.2018



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



51.2331, -15.6440, -15.6402



65.3866, -21.2762, -25.9458



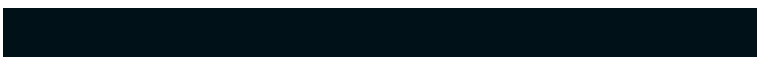
36.4814, 8.4445, -43.2877



29.5650, -3.0111, 0.2112



37.8358, -11.5301, -22.4014



6.9002, -2.7267, -2.7385

Inverse Universe

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



39.7784, 44.5377, -17.7177



48.8240, 70.6711, -26.6018



55.2450, -2.0332, 27.6075



28.4862, 1.8671, -0.1360



27.8356, 52.0571, -16.0265



4.7266, 8.9797, -3.8076

Previews

White Background



This preview shows how the HunterLab color 51.2322, -15.6439, -15.6411 looks on a white background.

Color Contrast Check

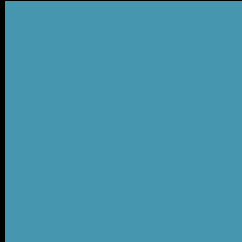
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.2322, -15.6439, -15.6411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

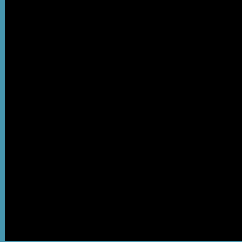
Any Text WCAG AA ✓ Pass

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 51.2322, -15.6439, -15.6411 Background



This preview shows how black text looks on a background with the HunterLab color 51.2322, -15.6439, -15.6411.



This preview shows how white text looks on a background with the HunterLab color 51.2322, -15.6439, -15.6411.

-15.6439, -15.6411.

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

51.2322, -15.6439, -15.6411

Protanopia

50.9446, 1.0223, -11.1384

Deuteranopia

51.0805, 3.7524, -17.3475



Tritanopia

51.2787, -19.5061, -9.3529

Trichromacy



Original Color

51.2322, -15.6439, -15.6411

Protanomaly

50.5601, -6.0121, -13.5469

Deuteranomaly

50.8285, -4.5286, -17.2784

Tritanomaly

51.1755, -17.9890, -11.7007

Monochromacy



Original Color

51.2322, -15.6439, -15.6411

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

48.1194, -8.8378, -4.0108

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.2322, -15.6439, -15.6411 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(71, 150, 175)` looks like.

```
.text, #text, p{  
    color:rgb(71, 150, 175)  
}
```

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(71, 150, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 150, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 51.2322, -15.6439, -15.6411 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(71, 150, 175) }
```


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

```
.border{ border-color:rgb(71, 150, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 150, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 150, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 150, 175);  
box-shadow:4px 4px 4px 4px rgb(71, 150,  
175) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.2322, -15.6439, -15.6411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 150, 175) }
```

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

```
.background{ background-color: rgb(71, 150,  
175) }
```

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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