

Converting Colors

HunterLab(49.5326, -15.1572,
-20.4759)

Have a look what the booklet for
HunterLab(49.5326, -15.1572,
-20.4759) contains.

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Color

**HunterLab(49.5951,
-15.0356, -20.6877)**

Conversions

Conversions Part 1

Format	Color
Hex	3692B3
RGB	54, 146, 179
RGB Percent	21%, 57%, 70%
CMY	0.7882, 0.4274, 0.2980
CMYK	0.70, 0.18, 0.00, 0.30
HSL	196°, 54%, 46%
HSV	196°, 70%, 70%
XYZ	19.9369, 24.5967, 46.3448
YIQ	122.2540, -65.4250, -9.2410

Conversions

Conversions Part 2

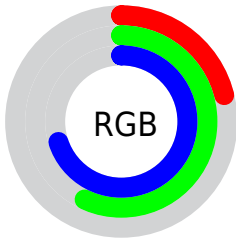
Format	Color
R _Y B	54, 107, 179
Decimal	3576499
CIE Lab	56.68, -16.20, -25.13
CIE LCh	57, 29.899, 237.203
Yxy	24.5976, 0.2194, 0.2707
Android (android.graphics.Color)	4281766579 (0xFF3692B3)
YUV	122.2540, 27.9758, -59.8588
Hunter-Lab	49.5951, -15.0356, -20.6877

Details

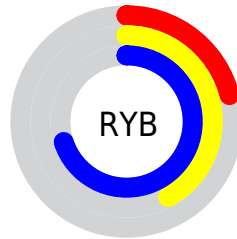
The HunterLab color $49.5951, -15.0356, -20.6877$ is a dark color, and the websafe version is hex $3399CC$. A complement of this color would be $40.8261, 27.6522, 20.5712$, and the grayscale version is $44.1286, -2.3546, 2.3976$.

A 20% lighter version of the original color is $71.4281, -17.9109, -21.5408$, and $31.1300, -9.4190, -18.5768$ is the 20% darker color. If you saturate the color by 10%, you get $47.7107, -14.5274, -23.8543$, and if you desaturate by 10%, it is $51.6475, -14.9523, -17.3961$.

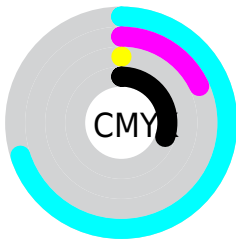
Distribution



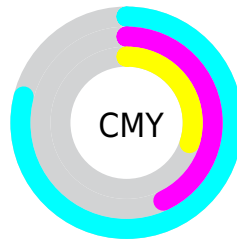
- Red (21%)
- Green (57%)
- Blue (70%)



- Red (21%)
- Yellow (42%)
- Blue (70%)



- Cyan (70%)
- Magenta (18%)
- Yellow (0%)
- Black (30%)



- Cyan (79%)
- Magenta (43%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.5951, -15.0356, -20.6877 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 49.5951, -15.0356, -20.6877 by changing the saturation by 10% instead.

■ 49.5951, -15.0356,
-20.6877

■ 49.5951, -15.0356,
-20.6877

166.0807,
-27.9463, -22.4408

■ 39.7209, -13.5282,
-20.2111

■ 71.4169, -17.9611,
-21.4676

■ 30.6053, -11.9710,
-19.6920

■ 83.2817, -19.3981,
-21.7689

■ 22.3187, -10.3376,
-19.1637

■ 95.7393, -20.8261,
-22.0122

■ 14.9541, -8.5817,
-18.7226

■ 108.7628,
-22.2491, -22.1999

■ 8.6003, -8.6648,
-18.8524

■ 122.3284,
-23.6705, -22.3342

0.0000, NaN, -NF

0.0000, NaN, -NF

136.4154,

-25.0926, -22.4177

0.0000, NaN, NaN

151.0051,
-26.5173, -22.4525

0.0000, NaN, NaN

■ 49.5951, -15.0356,
-20.6877

■ 49.5951, -15.0356,
-20.6877

■ 47.7107, -14.5274,
-23.8543

■ 51.6475, -14.9523,
-17.3961

■ 45.9882, -13.4391,
-26.8817

■ 53.8634, -14.2906,
-14.0048

■ 44.3980, -11.8889,
-29.8039

■ 56.2391, -13.0788,
-10.5366

■ 44.3710, -11.8614,
-29.8546

■ 58.7678, -11.3541,
-7.0136

■ 61.4418, -9.1587,
-3.4549

■ 64.2528, -6.5358,
0.1236

■ 67.1925, -3.5278,
3.7095

■ 70.2527, -0.1746,
7.2931

■ 73.4255, 3.4872,
10.8676

Harmonies

Analogous

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



49.5960, -22.3085, -8.9613



49.5951, -15.0356, -20.6877



49.5960, -3.8191, -26.0790

Triad

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



49.5960, -15.0355, -20.6868



49.5960, 23.7805, 1.5683



49.5960, -13.1888, 19.0630

Complementary

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



49.5951, -15.0356, -20.6877



40.8261, 27.6522, 20.5712

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.



49.5960, -1.4679, 20.5683



49.5951, -15.0356, -20.6877



49.5960, 20.6480, 12.0752

Square

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



49.5960, -15.0355, -20.6868



49.5960, 19.2704, -11.3874



49.5960, 11.0867, 18.3587



49.5960, -21.3190, 13.5781

Rectangle

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



49.5951, -15.0356, -20.6877



49.5960, 4.6794, -24.5615



49.5960, 11.0867, 18.3587



49.5960, -9.5751, 19.9813

Sweetspot

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



49.5960, -15.0355, -20.6868



81.6671, -12.7437, -5.3527



58.0388, -42.2351, 26.1897



37.9758, -6.3916, -3.1313



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



49.5960, -15.0355, -20.6868



62.5347, -18.7203, -34.2123



32.5216, 14.0401, -57.4665



30.4045, -3.0176, 0.1445



37.4469, -10.1846, -24.8198



7.2821, -2.6968, -3.2804

Inverse Universe

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



37.8130, 52.3077, -18.4252



46.7062, 79.7679, -25.0379



55.6350, -1.7255, 30.5315



29.3388, 1.9071, -0.0641



28.2059, 52.4990, -14.2972



5.0923, 9.6285, -3.7464

Previews

White Background



This preview shows how the HunterLab color 49.5951, -15.0356, -20.6877 looks on a white background.

Color Contrast Check

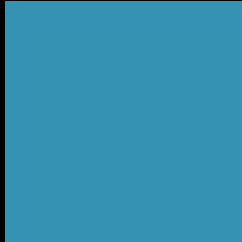
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.5951, -15.0356, -20.6877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

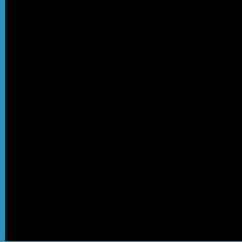
Any Text WCAG AA ✓ Pass

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 49.5951, -15.0356, -20.6877 Background



This preview shows how black text looks on a background with the HunterLab color 49.5951, -15.0356, -20.6877.



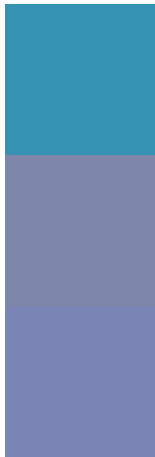
This preview shows how white text looks on a background with the HunterLab color 49.5951, -15.0356, -20.6877.

-15.0356, -20.6877.

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

49.5951, -15.0356, -20.6877

Protanopia

49.3843, 1.7172, -15.1980

Deuteranopia

49.2849, 3.7787, -22.8049



Tritanopia

49.5584, -21.4072, -10.1765

Trichromacy



Original Color

49.5951, -15.0356, -20.6877

Protanomaly

48.8911, -5.6513, -17.9165

Deuteranomaly

49.0454, -4.4553, -22.7039

Tritanomaly

49.5861, -19.1552, -14.0762

Monochromacy



Original Color

49.5951, -15.0356, -20.6877

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

45.5600, -9.1921, -5.9050

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.5951, -15.0356, -20.6877 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(54, 146, 179)` looks like.

```
.text, #text, p{  
    color:rgb(54, 146, 179)  
}
```

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(54, 146, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 146, 179) }
```

Border

The CSS property to change the border of an element to HunterLab 49.5951, -15.0356, -20.6877 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(54, 146, 179) }
```


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

```
.border{ border-color:rgb(54, 146, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 146, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 146, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 146, 179);  
box-shadow:4px 4px 4px 4px rgb(54, 146,  
179) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.5951, -15.0356, -20.6877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 146, 179) }
```

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

```
.background{ background-color: rgb(54, 146,  
179) }
```

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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