

Converting Colors

HunterLab(51.3934, -30.7072,
16.6290)

Have a look what the booklet for
HunterLab(51.3934, -30.7072,
16.6290) contains.

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Color

**HunterLab(51.3934,
-30.7072, 16.6290)**

Conversions

Conversions Part 1

Format	Color
Hex	479D66
RGB	71, 157, 102
RGB Percent	28%, 62%, 40%
CMY	0.7216, 0.3843, 0.6000
CMYK	0.55, 0.00, 0.35, 0.38
HSL	142°, 38%, 45%
HSV	142°, 55%, 62%
XYZ	17.0538, 26.4128, 16.7697
YIQ	125.0160, -33.6010, -35.3370

Conversions

Conversions Part 2

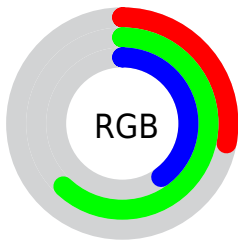
Format	Color
RYB	71, 134, 157
Decimal	4693350
CIELab	58.43, -38.80, 21.12
CIELCh	58, 44.171, 151.441
Yxy	26.4139, 0.2831, 0.4385
Android (android.graphics.Color)	4282883430 (0xFF479D66)
YUV	125.0160, -11.3469, -47.3720
Hunter-Lab	51.3934, -30.7072, 16.6290

Details

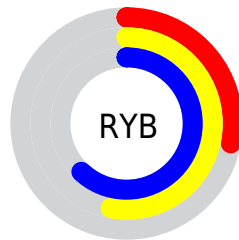
The HunterLab color $51.3934, -30.7072, 16.6290$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $36.3063, 34.4233, -9.2613$, and the grayscale version is $45.3451, -2.4195, 2.4637$.

A 20% lighter version of the original color is $73.3638, -36.1792, 20.2174$, and $32.2017, -24.6602, 12.9850$ is the 20% darker color. If you saturate the color by 10%, you get $50.7027, -33.8815, 18.8201$, and if you desaturate by 10%, it is $52.2471, -26.9054, 14.3137$.

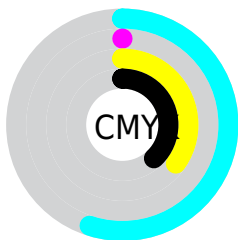
Distribution



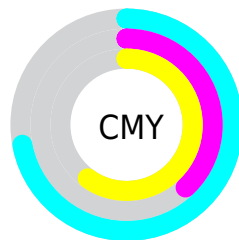
- Red (28%)
- Green (62%)
- Blue (40%)



- Red (28%)
- Yellow (53%)
- Blue (62%)



- Cyan (55%)
- Magenta (0%)
- Yellow (35%)
- Black (38%)



- Cyan (72%)
- Magenta (38%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.3934, -30.7072, 16.6290 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 51.3934, -30.7072, 16.6290 by changing the saturation by 10% instead.

■ 51.3934, -30.7072,
16.6290

■ 51.3934, -30.7072,
16.6290

168.7626,
-53.5063, 31.7633

■ 41.3927, -27.7230,
14.7791

■ 73.4452, -36.2663,
20.1577

■ 32.1399, -24.5417,
12.8408

■ 85.4157, -38.8965,
21.8645

■ 23.7026, -21.0897,
10.7770

■ 97.9740, -41.4528,
23.5461

■ 16.1688, -17.2441,
8.5865

■ 111.0937,
-43.9486, 25.2091

■ 9.6636, -16.9114,
6.7646

■ 124.7518,
-46.3943, 26.8587

0.0000, NaN, NaN

138.9279,

0.0000, NaN, NaN

-48.7982, 28.4989

0.0000, NaN, NaN

153.6036,
-51.1671, 30.1329

0.0000, NaN, NaN

■ 51.3934, -30.7072,
16.6290

■ 51.3934, -30.7072,
16.6290

■ 50.7027, -33.8815,
18.8201

■ 52.2471, -26.9054,
14.3137

■ 50.1658, -36.4202,
20.8587

■ 53.2639, -22.4986,
11.9014

■ 49.7737, -38.3400,
22.7207

■ 54.4454, -17.5263,
9.4213

■ 49.5115, -39.6864,
24.3843

■ 55.7898, -12.0374,
6.9007

■ 49.4027, -40.2573,
25.1549

■ 57.2937, -6.0870,
4.3649

■ 58.9521, 0.2675,
1.8363

■ 60.7591, 6.9691,
-0.6663

■ 62.7079, 13.9638,
-3.1278

■ 64.7915, 21.2018,
-5.5363

Harmonies

Analogous

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



51.3945, -20.2149, 24.2847



51.3934, -30.7072, 16.6290



51.3945, -34.0218, 1.9287

Triad

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



51.3945, -30.7079, 16.6294



51.3945, -1.8364, -44.5911



51.3945, 31.7348, 17.6522

Complementary

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



51.3934, -30.7072, 16.6290



36.3063, 34.4233, -9.2613

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.



51.3945, 38.4435, 3.6515



51.3934, -30.7072, 16.6290



51.3945, 17.4234, -35.8588

Square

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



51.3945, -30.7079, 16.6294



51.3945, -18.8550, -37.3101



51.3945, 32.8690, -16.4251



51.3945, 15.6316, 24.7092

Rectangle

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



51.3934, -30.7072, 16.6290



51.3945, -32.1564, -11.3683



51.3945, 32.8690, -16.4251



51.3945, 35.2591, 13.8117

Sweetspot

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



51.3945, -30.7079, 16.6294



74.3695, -17.2753, 9.7532



53.9207, -21.7548, 26.2897



34.7217, -8.7686, 4.8746



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.



51.3945, -30.7079, 16.6294



67.6532, -46.2674, 25.8862



52.4131, -24.6387, 1.9713



27.2738, -4.2418, 2.6502



44.5288, -36.2335, 22.5606



6.0189, -4.4443, 2.0710

Inverse Universe

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



36.3063, 34.4233, -9.2613



44.1818, 56.0378, -13.6856



35.0907, 28.9071, 7.9912



25.9113, 1.5174, 0.2637



25.6569, 46.9041, -6.4120



3.5431, 6.6729, -2.4018

Previews

White Background



This preview shows how the HunterLab color 51.3934, -30.7072, 16.6290 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 51.3934, -30.7072, 16.6290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

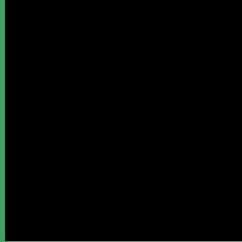
Any Text WCAG AA ✓ Pass

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 51.3934, -30.7072, 16.6290 Background



This preview shows how black text looks on a background with the HunterLab color 51.3934, -30.7072, 16.6290.



This preview shows how white text looks on a background with the HunterLab color 51.3934,

-30.7072, 16.6290.

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

51.3934, -30.7072, 16.6290

Protanopia

51.1485, -5.0344, 18.8796

Deuteranopia

50.9944, 3.4809, 15.3107



Tritanopia

51.4272, -15.8641, -7.9972

Trichromacy



Original Color

51.3934, -30.7072, 16.6290

Protanomaly

50.5739, -16.1162, 17.3345

Deuteranomaly

50.1116, -11.3652, 14.8671

Tritanomaly

51.4055, -22.1848, 2.6710

Monochromacy



Original Color

51.3934, -30.7072, 16.6290

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

47.0945, -14.2582, 7.5820

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.3934, -30.7072, 16.6290 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, 157, 102)` looks like.

```
.text, #text, p{  
    color:rgb(71, 157, 102)  
}
```

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, 157, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 157, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 51.3934, -30.7072, 16.6290 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, 157, 102) }
```


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

```
.border{ border-color:rgb(71, 157, 102) }
```

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

Here you see how a box with a 4 pixel rgb(71, 157, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 157, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 157, 102);  
box-shadow:4px 4px 4px 4px rgb(71, 157,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.3934, -30.7072, 16.6290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 157, 102) }
```

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

```
.background{ background-color: rgb(71, 157,  
102) }
```

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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