

Converting Colors

HunterLab(30.5330, -19.2292,
14.9985)

Have a look what the booklet for
HunterLab(30.5330, -19.2292,
14.9985) contains.

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Color

**HunterLab(30.5249,
-19.2479, 14.9106)**

Conversions

Conversions Part 1

Format	Color
Hex	306126
RGB	48, 97, 38
RGB Percent	19%, 38%, 15%
CMY	0.8118, 0.6196, 0.8510
CMYK	0.51, 0.00, 0.61, 0.62
HSL	110°, 44%, 26%
HSV	110°, 61%, 38%
XYZ	5.8435, 9.3177, 3.3242
YIQ	75.6230, -10.2650, -28.7370

Conversions

Conversions Part 2

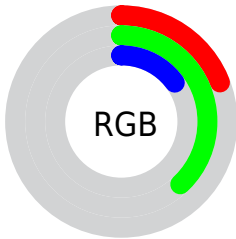
Format	Color
R_{YB}	38, 97, 87
Decimal	3170598
CIE _{Lab}	36.59, -29.34, 28.16
CIE _{LCh}	37, 40.667, 136.172
Yxy	9.3181, 0.3161, 0.5041
Android (android.graphics.Color)	4281360678 (0xFF306126)
YUV	75.6230, -18.5481, -24.2254
Hunter-Lab	30.5249, -19.2479, 14.9106

Details

The HunterLab color $[30.5249, -19.2479, 14.9106]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[20.6782, 22.3555, -19.2950]$, and the grayscale version is $[26.8158, -1.4308, 1.4570]$.

A 20% lighter version of the original color is $[49.4291, -24.1472, 19.7264]$, and $[15.1037, -12.9514, 9.0801]$ is the 20% darker color. If you saturate the color by 10%, you get $[30.1414, -20.9992, 16.0069]$, and if you desaturate by 10%, it is $[30.9888, -17.1566, 13.5062]$.

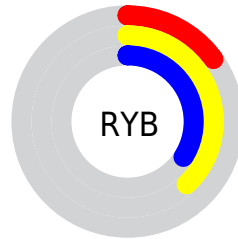
Distribution



Red (19%)

Green (38%)

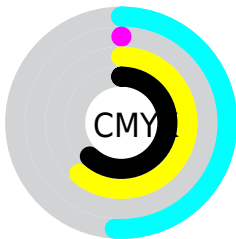
Blue (15%)



Red (15%)

Yellow (38%)

Blue (34%)

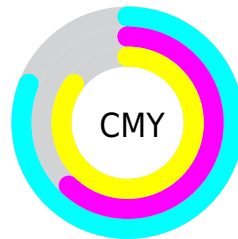


Cyan (51%)

Magenta (0%)

Yellow (61%)

Black (62%)



Cyan (81%)

Magenta (62%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.5249, -19.2479, 14.9106 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 30.5249, -19.2479, 14.9106 by changing the saturation by 10% instead.

■ 30.5249, -19.2479,
14.9106

■ 30.5249, -19.2479,
14.9106

136.2840,
-38.8344, 34.3220

■ 22.2469, -16.5461,
12.2079

■ 49.5023, -24.1225,
19.7770

■ 14.8913, -13.5489,
10.3011

■ 60.0761, -26.3883,
22.0298

■ 8.5412, -14.9470,
5.9788

■ 71.3110, -28.5767,
24.2002

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 83.1703, -30.7052,
26.3065

0.0000, NaN, NaN

■ 95.6226, -32.7866,
28.3625

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 108.6410,

-34.8305, 30.3786

0.0000, NaN, NaN

122.2018,
-36.8445, 32.3630

30.5249, -19.2479,
14.9106

30.5249, -19.2479,
14.9106

30.1414, -20.9992,
16.0069

30.9888, -17.1566,
13.5062

29.8340, -22.4065,
16.8021

31.5325, -14.7343,
11.7945

29.5996, -23.4783,
17.3161

32.1566, -11.9985,
9.7841

29.4344, -24.2441,
17.7129

32.8605, -8.9714,
7.4890

33.6426, -5.6781,
4.9273

■ 34.5011, -2.1456,
2.1201

■ 35.4332, 1.5985,
-0.9105

■ 36.4361, 5.5274,
-4.1418

■ 37.5069, 9.6157,
-7.5513

Harmonies

Analogous

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



30.5255, -9.0121, 17.7330



30.5249, -19.2479, 14.9106



30.5255, -24.2547, 7.3440

Triad

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



30.5255, -19.2484, 14.9108



30.5255, -8.0110, -36.9255



30.5255, 30.0176, 8.1623

Complementary

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



30.5249, -19.2479, 14.9106



20.6782, 22.3555, -19.2950

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.



30.5255, 30.4236, -5.3796



30.5249, -19.2479, 14.9106



30.5255, 6.5270, -36.3491

Square

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



30.5255, -19.2484, 14.9108



30.5255, -18.6340, -24.3235



30.5255, 21.1926, -22.9936



30.5255, 20.1693, 15.2684

Rectangle

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



30.5249, -19.2479, 14.9106



30.5255, -24.6933, -1.3286



30.5255, 21.1926, -22.9936



30.5255, 31.3179, 4.3769

Sweetspot

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



30.5255, -19.2484, 14.9108



43.2479, -10.7832, 9.0631



30.6050, -3.2692, 15.2487



21.4461, -5.8147, 4.8564



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



30.5255, -19.2484, 14.9108



39.2764, -28.3393, 21.4512



30.4206, -19.1741, 10.9450



16.9551, -2.5119, 2.2065



34.3090, -28.3819, 20.6442



79.1248, -66.3436, 47.5949

Inverse Universe

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



20.6782, 22.3555, -19.2950



24.2714, 35.7054, -31.7733



21.1719, 22.0485, -6.9208



16.1512, 0.8059, -0.4783



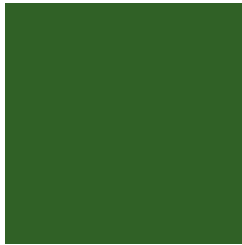
18.7383, 38.3566, -36.4705



42.9262, 88.1265, -85.5479

Previews

White Background



This preview shows how the HunterLab color 30.5249, -19.2479, 14.9106 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

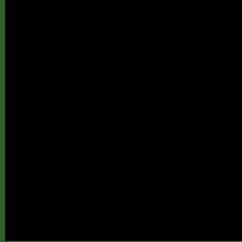
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 30.5249, -19.2479, 14.9106 Background



This preview shows how black text looks on a background with the HunterLab color 30.5249, -19.2479, 14.9106.



This preview shows how white text looks on a background with the HunterLab color 30.5249,

-19.2479, 14.9106.

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

30.5249, -19.2479, 14.9106

Protanopia

30.4364, -3.6775, 15.5928

Deuteranopia

30.4400, 1.7289, 14.5207



Tritanopia

30.5363, -7.7901, -3.7560

Trichromacy



Original Color

30.5249, -19.2479, 14.9106

Protanomaly

30.1695, -10.2028, 15.1316

Deuteranomaly

29.8459, -7.0475, 14.1001

Tritanomaly

30.3171, -12.7252, 5.0867

Monochromacy



Original Color

30.5249, -19.2479, 14.9106

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

28.0120, -8.9610, 7.4577

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.5249, -19.2479, 14.9106 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(48, 97, 38)` looks like.

```
.text, #text, p{  
    color:rgb(48, 97, 38)  
}
```

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(48, 97, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 97, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 30.5249, -19.2479, 14.9106 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(48, 97, 38) }
```


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

```
.border{ border-color:rgb(48, 97, 38) }
```

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

Here you see how a box with a 4 pixel rgb(48, 97, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 97, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 97, 38);  
box-shadow:4px 4px 4px 4px rgb(48, 97, 38)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.5249, -19.2479, 14.9106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 97, 38) }
```

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

```
.background{ background-color: rgb(48, 97,  
38) }
```

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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