

Converting Colors

HunterLab(29.9855, -1.9458,
1.4491)

Have a look what the booklet for
HunterLab(29.9855, -1.9458, 1.4491)
contains.

HunterLab(30.0628, -1.8771, 1.5419)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**HunterLab(30.0628, -1.8771,
1.5419)**

Conversions

Conversions Part 1

Format	Color
Hex	545555
RGB	84, 85, 85
RGB Percent	33%, 33%, 33%
CMY	0.6706, 0.6667, 0.6667
CMYK	0.01, 0.00, 0.00, 0.67
HSL	180°, 1%, 33%
HSV	180°, 1%, 33%
XYZ	8.5444, 9.0377, 9.8885
YIQ	84.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

Format	Color
R_{YB}	84, 85, 85
Decimal	5526869
CIE _{Lab}	36.06, -0.40, -0.14
CIE _{LCh}	36, 0.425, 199.909
Yxy	9.0381, 0.3110, 0.3290
Android (android.graphics.Color)	4283716949 (0xFF545555)
YUV	84.7010, 0.1474, -0.6148
Hunter-Lab	30.0628, -1.8771, 1.5419

Details

The HunterLab color **30.0628, -1.8771, 1.5419** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **29.8535, -1.3173, 1.7137**, and the grayscale version is **30.0310, -1.6024, 1.6316**.

A 20% lighter version of the original color is **49.0548, -3.2091, 2.4670**, and **14.4987, -1.0145, 0.7070** is the 20% darker color. If you saturate the color by 10%, you get **29.4434, -4.0641, 0.7710**, and if you desaturate by 10%, it is **30.7485, 0.4848, 2.3779**.

Distribution



Red (33%)

Green (33%)

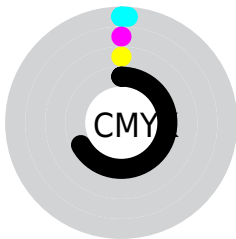
Blue (33%)



Red (33%)

Yellow (33%)

Blue (33%)



Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (67%)



Cyan (67%)

Magenta (67%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.0628, -1.8771, 1.5419 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 30.0628, -1.8771, 1.5419 by changing the saturation by 10% instead.

■ 30.0628, -1.8771,
1.5419

■ 30.0628, -1.8771,
1.5419

■ 135.5219, -7.6883,
7.2216

■ 21.8313, -1.4105,
1.1038

■ 48.9590, -2.9352,
2.5544

■ 14.5281, -0.9892,
0.7169

■ 59.4964, -3.5196,
3.1205

■ 8.1891, -0.6501,
0.3725

■ 70.6972, -4.1381,
3.7233

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.5241, -4.7890,
4.3604

0.0000, NaN, NaN

■ 94.9456, -5.4707,
5.0303

0.0000, NaN, NaN

0.0000, NaN, NaN

107.9344, -6.1819,

121.4669, -6.9215,
6.4621

■ 30.0628, -1.8771,
1.5419

■ 30.0628, -1.8771,
1.5419

■ 29.4434, -4.0641,
0.7710

■ 30.7485, 0.4848,
2.3779

■ 28.8896, -6.0576,
0.0691

■ 31.4968, 3.0066,
3.2715

■ 28.4028, -7.8440,
-0.5582

■ 32.3064, 5.6702,
4.2174

■ 27.9830, -9.4111,
-1.1071

■ 33.1750, 8.4585,
5.2097

■ 27.6295, -10.7507,
-1.5748

■ 34.1002, 11.3555,
6.2428

■ 27.3409, -11.8588,
-1.9601

■ 35.0794, 14.3462,
7.3114

■ 27.1147, -12.7365,
-2.2637

■ 36.1101, 17.4171,
8.4110

■ 26.9474, -13.3911,
-2.4882

■ 37.1896, 20.5559,
9.5371

■ 26.8322, -13.8450,
-2.6418

■ 38.3155, 23.7520,
10.6860

Harmonies

Analogous

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



30.0634, -1.8906, 1.6847



30.0628, -1.8771, 1.5419



30.0634, -1.7922, 1.4247

Triad

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



30.0634, -1.8778, 1.5424



30.0634, -1.3836, 1.4583



30.0634, -1.5549, 1.9067

Complementary

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



30.0628, -1.8771, 1.5419



29.8535, -1.3173, 1.7137

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.



30.0634, -1.4188, 1.8466



30.0628, -1.8771, 1.5419



30.0634, -1.3198, 1.5881

Square

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



30.0634, -1.8778, 1.5424



30.0634, -1.5069, 1.3760



30.0634, -1.3327, 1.7302



30.0634, -1.7044, 1.8946

Rectangle

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



30.0628, -1.8771, 1.5419



30.0634, -1.7052, 1.3763



30.0634, -1.3327, 1.7302



30.0634, -1.5061, 1.8943

Sweetspot

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



30.0634, -1.8778, 1.5424



39.3538, -2.0998, 2.1382



30.0385, -2.0175, 1.9187



19.9203, -1.0629, 1.0823



69.0652, -3.6851, 3.7524

Same Dimension

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



30.0634, -1.8778, 1.5424



39.2652, -2.4085, 2.0291



29.9369, -1.6679, 1.3957



15.6272, -0.9402, 0.8137



34.0532, -18.0885, -3.5156



80.7099, -42.8774, -8.3204

Inverse Universe

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



29.8535, -1.3173, 1.7137



39.0249, -1.7669, 2.2252



29.9795, -1.5277, 1.8583



15.5457, -0.7226, 0.8802



17.6985, 30.3115, 11.4196



41.9464, 71.8365, 27.0892

Previews

White Background



This preview shows how the HunterLab color 30.0628, -1.8771, 1.5419 looks on a white background.

Color Contrast Check

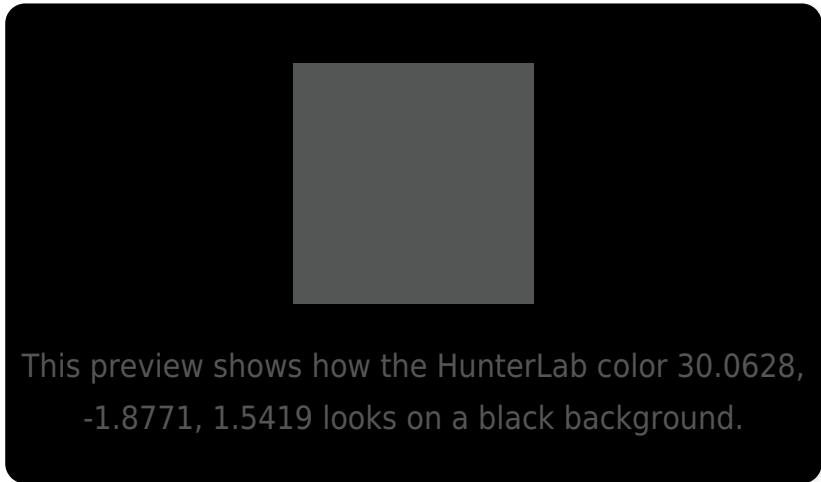
Large Text (above 18pt) WCAG AA ✓ Pass

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

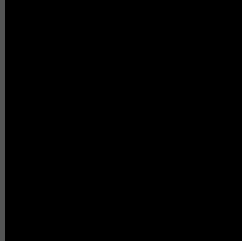
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

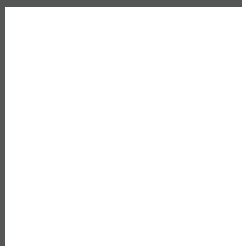
Any Text WCAG AAA × Fail

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

HunterLab 30.0628, -1.8771, 1.5419 Background



This preview shows how black text looks on a background with the HunterLab color 30.0628, -1.8771, 1.5419.



This preview shows how white text looks on a background with the HunterLab color 30.0628, -1.8771,

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

30.0628, -1.8771, 1.5419

Protanopia

29.9582, -0.9010, 1.4354

Deuteranopia

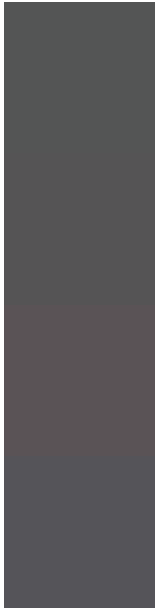
30.0560, 2.1066, 1.1898



Tritanopia

30.0454, -0.2692, -1.0221

Trichromacy



Original Color

30.0628, -1.8771, 1.5419

Protanomaly

29.8795, -1.1735, 1.3373

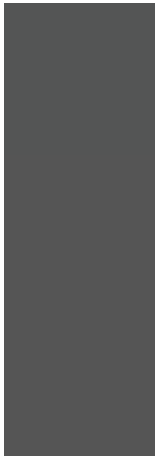
Deuteranomaly

30.0534, 0.7986, 1.1638

Tritanomaly

29.9887, -0.5778, -0.2170

Monochromacy



Original Color

30.0628, -1.8771, 1.5419

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

30.1400, -1.6082, 1.6376

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.0628, -1.8771, 1.5419 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(84, 85, 85)` looks like.

```
.text, #text, p{  
    color:rgb(84, 85, 85)  
}
```

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(84, 85, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 85, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 30.0628, -1.8771, 1.5419 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(84, 85, 85) }
```

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

```
.border{ border-color:rgb(84, 85, 85) }
```

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

Here you see how a box with a 4 pixel rgb(84, 85, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 85, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 85, 85);  
box-shadow:4px 4px 4px 4px rgb(84, 85, 85)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 30.0628, -1.8771, 1.5419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 85, 85) }
```

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

```
.background{ background-color: rgb(84, 85,  
85) }
```

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