

Converting Colors

HunterLab(30.1748, -1.6224,
3.0763)

Have a look what the booklet for
HunterLab(30.1748, -1.6224, 3.0763)
contains.

HunterLab(30.1949, -1.6219, 3.2919)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(30.1949, -1.6219,
3.2919)**

Conversions

Conversions Part 1

Format	Color
Hex	575551
RGB	87, 85, 81
RGB Percent	34%, 33%, 32%
CMY	0.6588, 0.6667, 0.6823
CMYK	0.00, 0.02, 0.07, 0.66
HSL	40°, 4%, 33%
HSV	40°, 7%, 34%
XYZ	8.6642, 9.1173, 9.0878
YIQ	85.1420, 2.4760, -0.8200

Conversions

Conversions Part 2

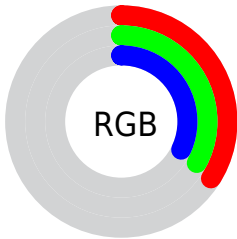
Format	Color
R_YB	84, 87, 81
Decimal	5723473
CIE Lab	36.21, -0.01, 2.61
CIE LCh	36, 2.613, 90.318
Yxy	9.1177, 0.3225, 0.3393
Android (android.graphics.Color)	4283913553 (0xFF575551)
YUV	85.1420, -2.0420, 1.6295
Hunter-Lab	30.1949, -1.6219, 3.2919

Details

The HunterLab color **30.1949, -1.6219, 3.2919** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **29.3664, -1.5065, -0.1359**, and the grayscale version is **30.1990, -1.6113, 1.6408**.

A 20% lighter version of the original color is **49.2524, -2.8001, 4.8770**, and **14.6403, -0.6560, 1.9217** is the 20% darker color. If you saturate the color by 10%, you get **29.2378, -1.4994, 5.4528**, and if you desaturate by 10%, it is **31.1807, -1.6427, 0.9185**.

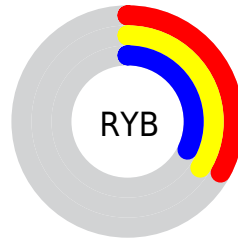
Distribution



Red (34%)

Green (33%)

Blue (32%)



Red (33%)

Yellow (34%)

Blue (32%)

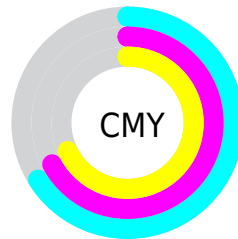


Cyan (0%)

Magenta (2%)

Yellow (7%)

Black (66%)



Cyan (66%)

Magenta (67%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.1949, -1.6219, 3.2919 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 30.1949, -1.6219, 3.2919 by changing the saturation by 10% instead.

■ 30.1949, -1.6219,
3.2919

■ 30.1949, -1.6219,
3.2919

■ 135.7401, -7.2663,
10.1606

■ 21.9500, -1.1813,
2.6670

■ 49.1144, -2.6349,
4.6282

■ 14.6318, -0.7893,
2.0680

■ 59.6623, -3.1990,
5.3387

■ 8.2914, -0.4505,
1.7576

■ 70.8728, -3.7985,
6.0769

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.7090, -4.4314,
6.8422

0.0000, NaN, NaN

■ 95.1393, -5.0960,
7.6338

0.0000, NaN, NaN

108.1367, -5.7908,

0.0000, NaN, NaN

121.6772, -6.5147,
9.2937

■ 30.1949, -1.6219,
3.2919

■ 30.1949, -1.6219,
3.2919

■ 29.2378, -1.4994,
5.4528

■ 31.1807, -1.6427,
0.9185

■ 28.3086, -1.2680,
7.3869

■ 32.1921, -1.5646,
-1.6561

■ 27.4095, -0.9242,
9.0819

■ 33.2283, -1.3934,
-4.4188

■ 26.5415, -0.4643,
10.5262

■ 34.2883, -1.1341,
-7.3576

■ 25.7059, 0.1143,
11.7093

■ 35.3710, -0.7919,
-10.4613

■ 24.9039, 0.8131,
12.6232

■ 36.4752, -0.3715,
-13.7192

■ 24.1362, 1.6313,
13.2639

■ 37.6001, 0.1226,
-17.1212

■ 23.4035, 2.5655,
13.6328

■ 38.7446, 0.6859,
-20.6580

■ 22.6987, 3.5710,
13.8468

■ 39.9079, 1.3143,
-24.3212

Harmonies

Analogous

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



30.1956, -0.7240, 3.0816



30.1949, -1.6219, 3.2919



30.1956, -2.5083, 3.0726

Triad

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



30.1956, -1.6227, 3.2924



30.1956, -3.1379, 0.7741



30.1956, -0.0467, 0.7909

Complementary

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



30.1949, -1.6219, 3.2919



29.3664, -1.5065, -0.1359

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.



30.1956, -0.7067, 0.1412



30.1949, -1.6219, 3.2919



30.1956, -2.4914, 0.1313

Square

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



30.1956, -1.6227, 3.2924



30.1956, -3.3766, 1.6342



30.1956, -1.6029, -0.1037



30.1956, 0.1925, 1.6530

Rectangle

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



30.1949, -1.6219, 3.2919



30.1956, -2.9739, 2.7076



30.1956, -1.6029, -0.1037



30.1956, -0.2271, 0.5395

Sweetspot

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



30.1956, -1.6227, 3.2924



40.0632, -2.1489, 2.8363



29.2161, 0.4030, 1.4020



19.8019, -1.0617, 1.3694



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



30.1956, -1.6227, 3.2924



39.2733, -2.1059, 4.7019



30.6415, -2.7593, 3.7697



15.2219, -0.8153, 1.8839



27.7369, 5.2359, 17.1830



64.4420, 14.9088, 39.9699

Inverse Universe

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



29.3664, -1.5065, -0.1359



37.9780, -1.9241, -0.6546



28.9257, -0.3725, -0.6649



14.6878, -0.7402, -0.3247



15.1839, 11.9879, -44.8570



33.8274, 34.0513, -115.7882

Previews

White Background



This preview shows how the HunterLab color 30.1949, -1.6219, 3.2919 looks on a white background.

Color Contrast Check

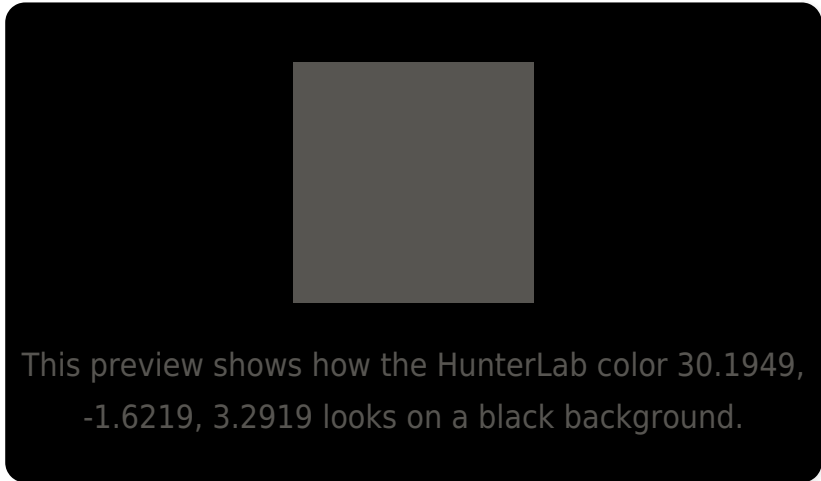
Large Text (above 18pt) WCAG AA ✓ Pass

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

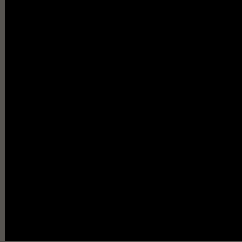
Any Text WCAG AA × Fail

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 30.1949, -1.6219, 3.2919 Background



This preview shows how black text looks on a background with the HunterLab color 30.1949, -1.6219, 3.2919.



This preview shows how white text looks on a background with the HunterLab color 30.1949, -1.6219, 3.2919.

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

30.1949, -1.6219, 3.2919

Protanopia

30.2751, -1.3435, 3.3867

Deuteranopia

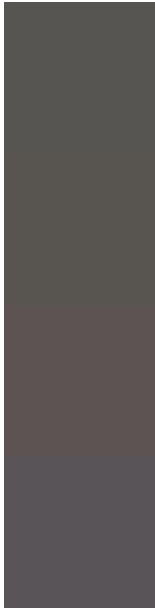
30.1275, 2.1382, 2.8923



Tritanopia

30.2548, 0.3908, -0.3061

Trichromacy



Original Color

30.1949, -1.6219, 3.2919

Protanomaly

30.2751, -1.3435, 3.3867

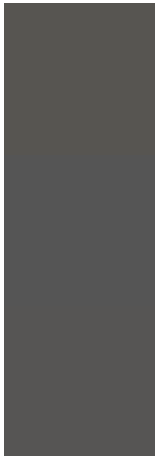
Deuteranomaly

30.1181, 0.8103, 2.8584

Tritanomaly

30.1720, -0.0583, 0.8721

Monochromacy



Original Color

30.1949, -1.6219, 3.2919

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

30.1919, -1.4799, 2.1071

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.1949, -1.6219, 3.2919 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(87, 85, 81)` looks like.

```
.text, #text, p{  
    color:rgb(87, 85, 81)  
}
```

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(87, 85, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 85, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 30.1949, -1.6219, 3.2919 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(87, 85, 81) }
```


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

```
.border{ border-color:rgb(87, 85, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 85, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 85, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 85, 81);  
box-shadow:4px 4px 4px 4px rgb(87, 85, 81)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.1949, -1.6219, 3.2919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 85, 81) }
```

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

```
.background{ background-color: rgb(87, 85,  
81) }
```

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