

Converting Colors

HunterLab(37.8007, -16.3768,
19.8306)

Have a look what the booklet for
HunterLab(37.8007, -16.3768,
19.8306) contains.

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Color

**HunterLab(37.8308,
-16.5658, 19.8749)**

Conversions

Conversions Part 1

Format	Color
Hex	597228
RGB	89, 114, 40
RGB Percent	35%, 45%, 16%
CMY	0.6510, 0.5529, 0.8431
CMYK	0.22, 0.00, 0.65, 0.55
HSL	80°, 48%, 30%
HSV	80°, 65%, 45%
XYZ	10.5202, 14.3117, 4.2155
YIQ	98.0890, 8.8540, -28.3140

Conversions

Conversions Part 2

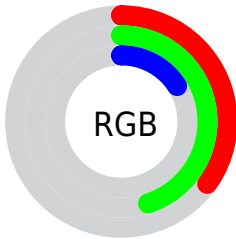
Format	Color
R_{YB}	40, 114, 65
Decimal	5861928
CIE _{Lab}	44.68, -21.47, 36.96
CIE _{LCh}	45, 42.741, 120.158
Yxy	14.3123, 0.3622, 0.4927
Android (android.graphics.Color)	4284052008 (0xFF597228)
YUV	98.0890, -28.6379, -7.9711
Hunter-Lab	37.8308, -16.5658, 19.8749

Details

The HunterLab color $[37.8308, -16.5658, 19.8749]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[19.6385, 19.9557, -35.6142]$, and the grayscale version is $[35.0839, -1.8720, 1.9062]$.

A 20% lighter version of the original color is $[58.0142, -20.2228, 25.7350]$, and $[20.8508, -12.3192, 12.6325]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.4970, -18.0431, 20.9921]$, and if you desaturate by 10%, it is $[38.2064, -14.8931, 18.3490]$.

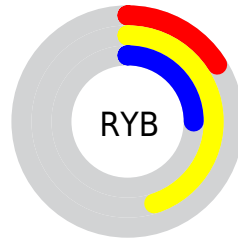
Distribution



Red (35%)

Green (45%)

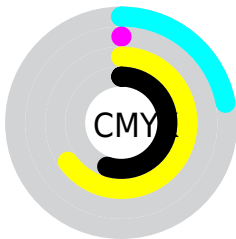
Blue (16%)



Red (16%)

Yellow (45%)

Blue (25%)

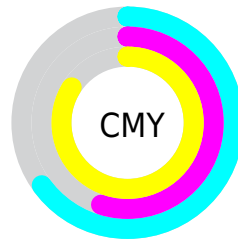


Cyan (22%)

Magenta (0%)

Yellow (65%)

Black (55%)



Cyan (65%)

Magenta (55%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.8308, -16.5658, 19.8749 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 37.8308, -16.5658, 19.8749 by changing the saturation by 10% instead.

■ 37.8308, -16.5658,
19.8749

■ 37.8308, -16.5658,
19.8749

148.0423,
-32.0041, 43.3176

■ 28.8760, -14.6159,
16.6314

■ 58.0019, -20.2241,
25.7748

■ 20.7656, -12.5323,
13.4198

■ 69.1135, -21.9745,
28.5123

■ 13.6002, -10.2404,
9.5201

■ 80.8560, -23.6907,
31.1461

■ 7.1961, -12.5931,
5.0373

■ 93.1971, -25.3816,
33.6959

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.1091,
-27.0539, 36.1772

0.0000, NaN, NaN

■ 119.5679,

0.0000, NaN, NaN

-28.7125, 38.6018

0.0000, NaN, NaN

133.5520,
-30.3615, 40.9793

■ 37.8308, -16.5658,
19.8749

■ 37.8308, -16.5658,
19.8749

■ 37.4970, -18.0431,
20.9921

■ 38.2064, -14.8931,
18.3490

■ 37.2006, -19.3290,
21.7260

■ 38.6226, -13.0192,
16.3963

■ 36.9382, -20.4449,
22.1358

■ 39.0814, -10.9450,
14.0070

■ 36.8113, -20.9853,
22.3156

■ 39.5832, -8.6731,
11.1769

■ 40.1283, -6.2083,
7.9072

■ 40.7169, -3.5569,
4.2037

■ 41.3486, -0.7267,
0.0757

■ 42.0231, 2.2735,
-4.4643

■ 42.7397, 5.4343,
-9.4012

Harmonies

Analogous

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



37.8316, -2.1071, 21.4291



37.8308, -16.5658, 19.8749



37.8316, -25.6290, 14.1318

Triad

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



37.8316, -16.5668, 19.8752



37.8316, -16.4404, -34.1934



37.8316, 34.8689, 2.1415

Complementary

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



37.8308, -16.5658, 19.8749



19.6385, 19.9557, -35.6142

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.



37.8316, 29.3257, -16.0698



37.8308, -16.5658, 19.8749



37.8316, -1.9340, -41.7693

Square

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



37.8316, -16.5668, 19.8752



37.8316, -25.5652, -16.2766



37.8316, 15.1212, -34.0424



37.8316, 29.2130, 14.2221

Rectangle

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



37.8308, -16.5658, 19.8749



37.8316, -28.3005, 6.8271



37.8316, 15.1212, -34.0424



37.8316, 34.2434, -3.4232

Sweetspot

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



37.8316, -16.5668, 19.8752



52.8560, -9.7569, 12.5382



27.3378, 12.1917, 12.7046



25.3416, -5.0395, 6.4886



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



37.8316, -16.5668, 19.8752



49.4994, -24.8176, 28.3838



35.9548, -24.0275, 18.4238



19.6533, -2.2624, 2.7991



38.8258, -22.1887, 23.5358



86.3739, -50.6524, 52.3365

Inverse Universe

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



19.6385, 19.9557, -35.6142



21.3457, 33.7672, -63.9608



23.5334, 28.8893, -25.1029



18.3035, 0.2881, -0.8774



13.4667, 33.1045, -69.1457



29.3295, 73.1972, -159.1031

Previews

White Background



This preview shows how the HunterLab color 37.8308, -16.5658, 19.8749 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 × Fail

Black Background



This preview shows how the HunterLab color 37.8308, -16.5658, 19.8749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

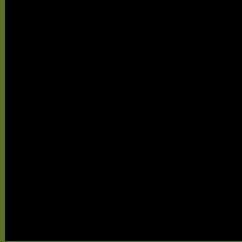
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 37.8308, -16.5658, 19.8749 Background



This preview shows how black text looks on a background with the HunterLab color 37.8308, -16.5658, 19.8749.



This preview shows how white text looks on a background with the HunterLab color 37.8308,

-16.5658, 19.8749.

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

37.8308, -16.5658, 19.8749

Protanopia

37.8148, -4.9284, 20.3399

Deuteranopia

37.5786, 2.5046, 19.4400



Tritanopia

37.8812, -3.2009, -2.1001

Trichromacy



Original Color

37.8308, -16.5658, 19.8749

Protanomaly

37.6956, -9.6254, 20.0403

Deuteranomaly

37.4040, -4.8971, 19.3396

Tritanomaly

37.8012, -9.2196, 8.6506

Monochromacy



Original Color

37.8308, -16.5658, 19.8749

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

35.8739, -8.0001, 10.3611

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.8308, -16.5658, 19.8749 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(89, 114, 40)` looks like.

```
.text, #text, p{  
    color:rgb(89, 114, 40)  
}
```

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(89, 114, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 114, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 37.8308, -16.5658, 19.8749 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(89, 114, 40) }
```


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

```
.border{ border-color:rgb(89, 114, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 114, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 114, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 114, 40);  
box-shadow:4px 4px 4px 4px rgb(89, 114,  
40) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.8308, -16.5658, 19.8749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 114, 40) }
```

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

```
.background{ background-color: rgb(89, 114,  
40) }
```

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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