

Converting Colors

HunterLab(37.6576, -16.7956,
19.8478)

Have a look what the booklet for
HunterLab(37.6576, -16.7956,
19.8478) contains.

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Color

**HunterLab(37.7569,
-16.8694, 19.9561)**

Conversions

Conversions Part 1

Format	Color
Hex	587227
RGB	88, 114, 39
RGB Percent	35%, 45%, 15%
CMY	0.6549, 0.5529, 0.8470
CMYK	0.23, 0.00, 0.66, 0.55
HSL	81°, 49%, 30%
HSV	81°, 66%, 45%
XYZ	10.4080, 14.2558, 4.1226
YIQ	97.6760, 8.5790, -28.8370

Conversions

Conversions Part 2

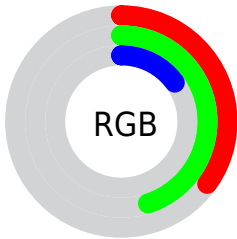
Format	Color
R _Y B	39, 114, 65
Decimal	5796391
CIE Lab	44.60, -21.99, 37.32
CIE LCh	45, 43.316, 120.505
Yxy	14.2565, 0.3616, 0.4952
Android (android.graphics.Color)	4283986471 (0xFF587227)
YUV	97.6760, -28.9273, -8.4859
Hunter-Lab	37.7569, -16.8694, 19.9561

Details

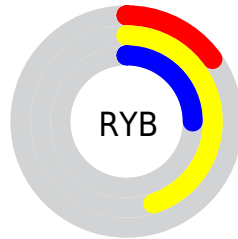
The HunterLab color $[37.7569, -16.8694, 19.9561]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[19.4684, 20.4233, -36.1309]$, and the grayscale version is $[34.9304, -1.8638, 1.8978]$.

A 20% lighter version of the original color is $[57.9245, -20.5903, 25.8822]$, and $[20.8033, -12.5101, 12.5999]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.4222, -18.3485, 21.0368]$, and if you desaturate by 10%, it is $[38.1339, -15.1932, 18.4690]$.

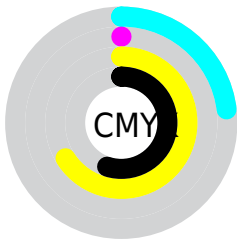
Distribution



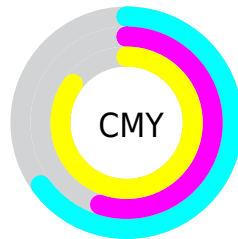
- Red (35%)
- Green (45%)
- Blue (15%)



- Red (15%)
- Yellow (45%)
- Blue (25%)



- Cyan (23%)
- Magenta (0%)
- Yellow (66%)
- Black (55%)



- Cyan (65%)
- Magenta (55%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.7569, -16.8694, 19.9561 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 37.7569, -16.8694, 19.9561 by changing the saturation by 10% instead.

■ 37.7569, -16.8694,
19.9561

■ 37.7569, -16.8694,
19.9561

147.9258,
-32.5494, 43.5944

■ 28.8084, -14.8808,
16.6816

■ 57.9167, -20.5943,
25.9106

■ 20.7051, -12.7531,
13.4744

■ 69.0231, -22.3741,
28.6723

■ 13.5476, -10.4091,
9.4833

■ 80.7608, -24.1179,
31.3285

■ 7.1350, -12.4863,
4.9945

■ 93.0973, -25.8348,
33.8994

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.0049,
-27.5317, 36.4005

0.0000, NaN, NaN

■ 119.4594,

0.0000, NaN, NaN

-29.2138, 38.8438

0.0000, NaN, NaN

133.4394,
-30.8853, 41.2392

■ 37.7569, -16.8694,
19.9561

■ 37.7569, -16.8694,
19.9561

■ 37.4222, -18.3485,
21.0368

■ 38.1339, -15.1932,
18.4690

■ 37.1253, -19.6345,
21.7371

■ 38.5520, -13.3139,
16.5569

■ 36.8621, -20.7541,
22.1291

■ 39.0131, -11.2326,
14.2097

■ 36.7561, -21.2060,
22.2777

■ 39.5178, -8.9519,
11.4230

■ 40.0664, -6.4765,
8.1980

■ 40.6589, -3.8132,
4.5401

■ 41.2950, -0.9697,
0.4589

■ 41.9743, 2.0448,
-4.0332

■ 42.6963, 5.2208,
-8.9210

Harmonies

Analogous

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



37.7577, -2.2970, 21.5396



37.7569, -16.8694, 19.9561



37.7577, -25.9445, 14.1422

Triad

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



37.7577, -16.8704, 19.9564



37.7577, -16.4614, -34.9994



37.7577, 35.4283, 2.3213

Complementary

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



37.7569, -16.8694, 19.9561



19.4684, 20.4233, -36.1309

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.



37.7577, 29.9189, -16.1252



37.7569, -16.8694, 19.9561



37.7577, -1.7355, -42.5646

Square

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



37.7577, -16.8704, 19.9564



37.7577, -25.7386, -16.7994



37.7577, 15.5606, -34.5062



37.7577, 29.5517, 14.4329

Rectangle

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



37.7569, -16.8694, 19.9561



37.7577, -28.5886, 6.7222



37.7577, 15.5606, -34.5062



37.7577, 34.8376, -3.2958

Sweetspot

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



37.7577, -16.8704, 19.9564



52.7608, -10.1680, 12.9602



27.1868, 12.4310, 12.7834



25.2983, -5.2255, 6.6679



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.



37.7577, -16.8704, 19.9564



49.3941, -25.2480, 28.4335



35.9148, -24.2103, 18.5375



19.6498, -2.2748, 2.7950



38.7675, -22.4221, 23.4958



86.2407, -51.1874, 52.2450

Inverse Universe

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



19.4684, 20.4233, -36.1309



21.1641, 34.3939, -64.7283



23.3709, 29.2633, -25.4754



18.3071, 0.3005, -0.8725



13.5473, 33.1828, -68.6304



29.5025, 73.3587, -157.9474

Previews

White Background



This preview shows how the HunterLab color 37.7569, -16.8694, 19.9561 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 37.7569, -16.8694, 19.9561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

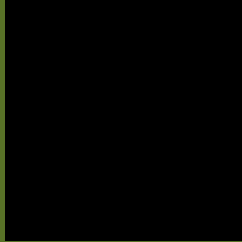
Any Text WCAG AA × Fail

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 37.7569, -16.8694, 19.9561 Background



This preview shows how black text looks on a background with the HunterLab color 37.7569, -16.8694, 19.9561.



This preview shows how white text looks on a background with the HunterLab color 37.7569,

-16.8694, 19.9561.

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

37.7569, -16.8694, 19.9561

Protanopia

37.5343, -4.5431, 20.2842

Deuteranopia

37.5786, 2.5046, 19.4400



Tritanopia

37.8082, -3.4574, -2.1986

Trichromacy



Original Color

37.7569, -16.8694, 19.9561

Protanomaly

37.4044, -9.2614, 19.9796

Deuteranomaly

37.3030, -5.2760, 19.4120

Tritanomaly

37.7090, -9.6023, 8.8908

Monochromacy



Original Color

37.7569, -16.8694, 19.9561

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

35.7996, -8.2713, 10.2865

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.7569, -16.8694, 19.9561 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(88, 114, 39)` looks like.

```
.text, #text, p{  
    color:rgb(88, 114, 39)  
}
```

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(88, 114, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 114, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 37.7569, -16.8694, 19.9561 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(88, 114, 39) }
```


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

```
.border{ border-color:rgb(88, 114, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 114, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 114, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 114, 39);  
box-shadow:4px 4px 4px 4px rgb(88, 114,  
39) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.7569, -16.8694, 19.9561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 114, 39) }
```

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

```
.background{ background-color: rgb(88, 114,  
39) }
```

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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