

Converting Colors

HunterLab(31.8741, -16.2280,
17.6623)

Have a look what the booklet for
HunterLab(31.8741, -16.2280,
17.6623) contains.

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Color

**HunterLab(31.7345,
-16.1764, 17.5531)**

Conversions

Conversions Part 1

Format	Color
Hex	456219
RGB	69, 98, 25
RGB Percent	27%, 38%, 10%
CMY	0.7294, 0.6157, 0.9019
CMYK	0.30, 0.00, 0.74, 0.62
HSL	84°, 59%, 24%
HSV	84°, 74%, 38%
XYZ	6.9974, 10.0708, 2.4948
YIQ	81.0070, 6.1490, -28.8510

Conversions

Conversions Part 2

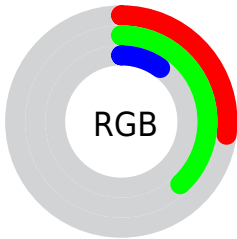
Format	Color
R _Y B	25, 98, 54
Decimal	4547097
CIE Lab	37.97, -23.07, 36.24
CIE LCh	38, 42.964, 122.476
Yxy	10.0712, 0.3577, 0.5148
Android (android.graphics.Color)	4282737177 (0xFF456219)
YUV	81.0070, -27.6115, -10.5301
Hunter-Lab	31.7345, -16.1764, 17.5531

Details

The HunterLab color $[31.7345, -16.1764, 17.5531]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[15.3679, 20.4269, -34.7560]$, and the grayscale version is $[28.7834, -1.5358, 1.5639]$.

A 20% lighter version of the original color is $[50.9598, -20.1900, 23.7140]$, and $[15.8968, -11.0540, 9.6020]$ is the 20% darker color. If you saturate the color by 10%, you get $[31.4616, -17.3706, 18.2164]$, and if you desaturate by 10%, it is $[32.0442, -14.8119, 16.5723]$.

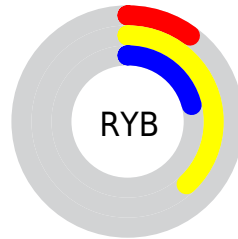
Distribution



Red (27%)

Green (38%)

Blue (10%)



Red (10%)

Yellow (38%)

Blue (21%)

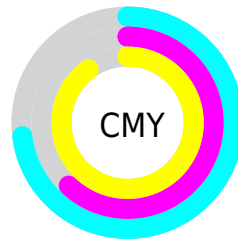


Cyan (30%)

Magenta (0%)

Yellow (74%)

Black (62%)



Cyan (73%)

Magenta (62%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.7345, -16.1764, 17.5531 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 31.7345, -16.1764, 17.5531 by changing the saturation by 10% instead.

■ 31.7345, -16.1764,
17.5531

■ 31.7345, -16.1764,
17.5531

138.2677,
-32.5866, 41.1956

■ 23.3371, -14.0162,
14.2082

■ 50.9209, -20.1483,
23.5882

■ 15.8473, -11.6575,
11.0931

■ 61.5884, -22.0232,
26.3619

■ 9.3932, -11.2036,
6.5752

■ 72.9116, -23.8497,
29.0185

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.8545, -25.6399,
31.5812

0.0000, NaN, NaN

■ 97.3865, -27.4027,
34.0679

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.4810,

-29.1448, 36.4923

0.0000, NaN, NaN

124.1150,
-30.8714, 38.8653

31.7345, -16.1764,
17.5531

31.7345, -16.1764,
17.5531

31.4616, -17.3706,
18.2164

32.0442, -14.8119,
16.5723

31.2194, -18.4125,
18.6203

32.3901, -13.2709,
15.2548

31.0928, -18.9600,
18.8273

32.7738, -11.5534,
13.5888

33.1960, -9.6614,
11.5683

33.6570, -7.5987,
9.1923

■ 34.1568, -5.3708,
6.4636

■ 34.6952, -2.9848,
3.3887

■ 35.2719, -0.4486,
-0.0229

■ 35.8864, 2.2293,
-3.7595

Harmonies

Analogous

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



31.7352, -2.9737, 19.0117



31.7345, -16.1764, 17.5531



31.7352, -24.0539, 12.2423

Triad

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



31.7352, -16.1772, 17.5533



31.7352, -14.3376, -35.1498



31.7352, 33.9463, 2.9292

Complementary

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



31.7345, -16.1764, 17.5531



15.3679, 20.4269, -34.7560

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.



31.7352, 29.3298, -14.3836



31.7345, -16.1764, 17.5531



31.7352, -0.3958, -41.7133

Square

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



31.7352, -16.1772, 17.5533



31.7352, -23.1440, -17.6001



31.7352, 15.9641, -32.7484



31.7352, 27.5961, 13.4995

Rectangle

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



31.7345, -16.1764, 17.5531



31.7352, -26.1853, 5.2230



31.7352, 15.9641, -32.7484



31.7352, 33.6254, -2.2174

Sweetspot

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



31.7352, -16.1772, 17.5533



44.6712, -9.5349, 11.5417



22.8297, 10.7546, 11.8669



21.7256, -4.8866, 5.9118



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.



31.7352, -16.1772, 17.5533



41.4156, -23.9923, 24.5041



30.2291, -22.2700, 16.4330



17.0965, -2.0088, 2.3703



35.8440, -22.0216, 21.7014



82.5319, -52.1761, 49.9423

Inverse Universe

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



15.3679, 20.4269, -34.7560



16.7130, 33.0278, -60.9606



19.3009, 28.3628, -23.1086



15.9975, 0.2847, -0.6825



13.1250, 31.4238, -60.8736



29.5277, 71.8124, -145.6104

Previews

White Background



This preview shows how the HunterLab color 31.7345, -16.1764, 17.5531 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 31.7345, -16.1764, 17.5531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

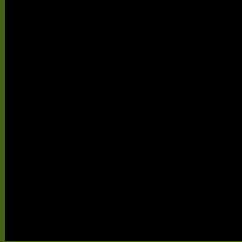
Any Text WCAG AA × Fail

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 31.7345, -16.1764, 17.5531 Background



This preview shows how black text looks on a background with the HunterLab color 31.7345, -16.1764, 17.5531.



This preview shows how white text looks on a background with the HunterLab color 31.7345,

-16.1764, 17.5531.

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

31.7345, -16.1764, 17.5531

Protanopia

31.4896, -4.1888, 17.8042

Deuteranopia

31.5757, 1.4904, 17.1765



Tritanopia

31.6271, -3.7898, -2.7071

Trichromacy



Original Color

31.7345, -16.1764, 17.5531

Protanomaly

31.3753, -8.7570, 17.5470

Deuteranomaly

31.4372, -5.6754, 17.2001

Tritanomaly

31.5739, -9.6086, 7.7748

Monochromacy



Original Color

31.7345, -16.1764, 17.5531

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

29.5484, -7.5441, 9.2169

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.7345, -16.1764, 17.5531 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(69, 98, 25)` looks like.

```
.text, #text, p{  
    color:rgb(69, 98, 25)  
}
```

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(69, 98, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 98, 25) }
```

Border

The CSS property to change the border of an element to HunterLab 31.7345, -16.1764, 17.5531 is called "border". The border property can be set on classes, ids or directly on the HTML element.

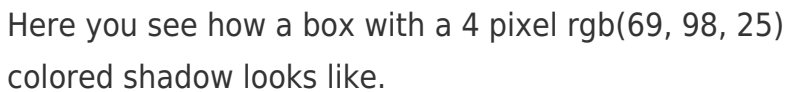
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(69, 98, 25) }
```


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

```
.border{ border-color:rgb(69, 98, 25) }
```

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



Here you see how a box with a 4 pixel `rgb(69, 98, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 98, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 98, 25);  
box-shadow:4px 4px 4px 4px rgb(69, 98, 25)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.7345, -16.1764, 17.5531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 98, 25) }
```

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

```
.background{ background-color: rgb(69, 98,  
25) }
```

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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