

Converting Colors

HunterLab(16.3571, -6.2904,
8.3160)

Have a look what the booklet for
HunterLab(16.3571, -6.2904, 8.3160)
contains.

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Color

**HunterLab(16.3775, -6.2128,
8.3469)**

Conversions

Conversions Part 1

Format	Color
Hex	28310F
RGB	40, 49, 15
RGB Percent	16%, 19%, 6%
CMY	0.8431, 0.8078, 0.9412
CMYK	0.18, 0.00, 0.69, 0.81
HSL	76°, 53%, 13%
HSV	76°, 69%, 19%
XYZ	2.0596, 2.6822, 0.8611
YIQ	42.4330, 5.5500, -12.4820

Conversions

Conversions Part 2

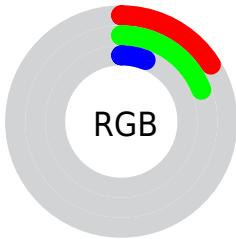
Format	Color
R_YB	15, 49, 24
Decimal	2633999
CIE Lab	18.72, -10.27, 19.97
CIE LCh	19, 22.454, 117.231
Yxy	2.6823, 0.3676, 0.4787
Android (android.graphics.Color)	4280824079 (0xFF28310F)
YUV	42.4330, -13.5245, -2.1337
Hunter-Lab	16.3775, -6.2128, 8.3469

Details

The HunterLab color **16.3775, -6.2128, 8.3469** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **8.7043, 7.3659, -14.3011**, and the grayscale version is **15.3992, -0.8217, 0.8367**.

A 20% lighter version of the original color is **32.3548, -8.6583, 12.4499**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **16.2617, -6.7329, 8.8450**, and if you desaturate by 10%, it is **16.5059, -5.6334, 7.7115**.

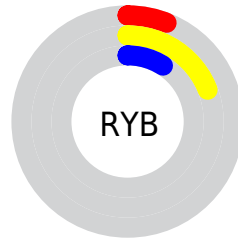
Distribution



Red (16%)

Green (19%)

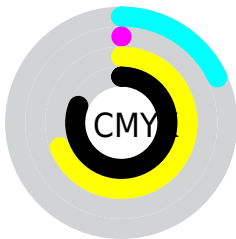
Blue (6%)



Red (6%)

Yellow (19%)

Blue (9%)

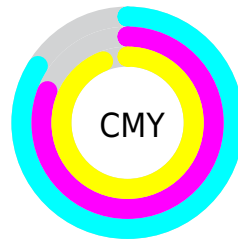


Cyan (18%)

Magenta (0%)

Yellow (69%)

Black (81%)



Cyan (84%)

Magenta (81%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.3775, -6.2128, 8.3469 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 16.3775, -6.2128, 8.3469 by changing the saturation by 10% instead.

■ 16.3775, -6.2128,
8.3469

■ 16.3775, -6.2128,
8.3469

■ 111.4905,
-16.5939, 24.3123

■ 9.8399, -5.1175,
6.8879

■ 32.4026, -8.6060,
12.4311

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 41.6784, -9.7544,
14.2805

0.0000, NaN, NaN

■ 51.7015, -10.8909,
16.0509

0.0000, NaN, NaN

■ 62.4198, -12.0232,
17.7650

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.7909, -13.1566,
19.4386

0.0000, NaN, NaN

■ 85.7793, -14.2947,

0.0000, NaN, NaN

21.0825

■ 98.3545, -15.4398,
22.7051

■ 16.3775, -6.2128,
8.3469

■ 16.3775, -6.2128,
8.3469

■ 16.2617, -6.7329,
8.8450

■ 16.5059, -5.6334,
7.7115

■ 16.1524, -7.2207,
9.2784

■ 16.6461, -4.9924,
6.9340

■ 16.0450, -7.7050,
9.7201

■ 16.7989, -4.2899,
6.0115

■ 16.0385, -7.7346,
9.7474

■ 16.9644, -3.5260,
4.9422

■ 17.1428, -2.7016,
3.7258

■ 17.3342, -1.8177,
2.3630

■ 17.5386, -0.8758,
0.8557

■ 17.7560, 0.1223,
-0.7936

■ 17.9862, 1.1745,
-2.5816

Harmonies

Analogous

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



16.3779, -0.2662, 8.9702



16.3775, -6.2128, 8.3469



16.3779, -10.1195, 6.1117

Triad

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



16.3779, -6.2133, 8.3470



16.3779, -7.1087, -12.5978



16.3779, 13.5815, 0.3063

Complementary

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



16.3775, -6.2128, 8.3469



8.7043, 7.3659, -14.3011

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.



16.3779, 11.0230, -6.9429



16.3775, -6.2128, 8.3469



16.3779, -1.4745, -15.9980

Square

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



16.3779, -6.2133, 8.3470



16.3779, -10.5770, -5.5396



16.3779, 5.2494, -13.6059



16.3779, 11.7941, 5.4542

Rectangle

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



16.3775, -6.2128, 8.3469



16.3779, -11.3737, 3.3089



16.3779, 5.2494, -13.6059



16.3779, 13.1931, -1.9618

Sweetspot

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



16.3779, -6.2133, 8.3470



21.9981, -3.7768, 5.2449



11.4907, 5.8234, 4.8504



12.0676, -2.0998, 2.9187



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



16.3779, -6.2133, 8.3470



20.8183, -9.1533, 11.7802



15.5543, -9.4377, 7.6965



9.9144, -0.9813, 1.2601



28.8645, -14.5551, 17.5314



75.4357, -39.4460, 45.7925

Inverse Universe

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



8.7043, 7.3659, -14.3011



8.9871, 12.7394, -25.9936



10.1225, 10.8512, -10.5930



9.3424, -0.0293, -0.2616



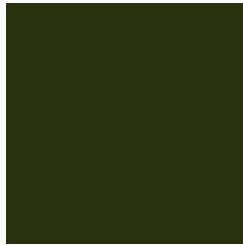
9.5663, 23.9660, -52.6040



24.2444, 62.1286, -144.0936

Previews

White Background



This preview shows how the HunterLab color 16.3775, -6.2128, 8.3469 looks on a white background.

Color Contrast Check

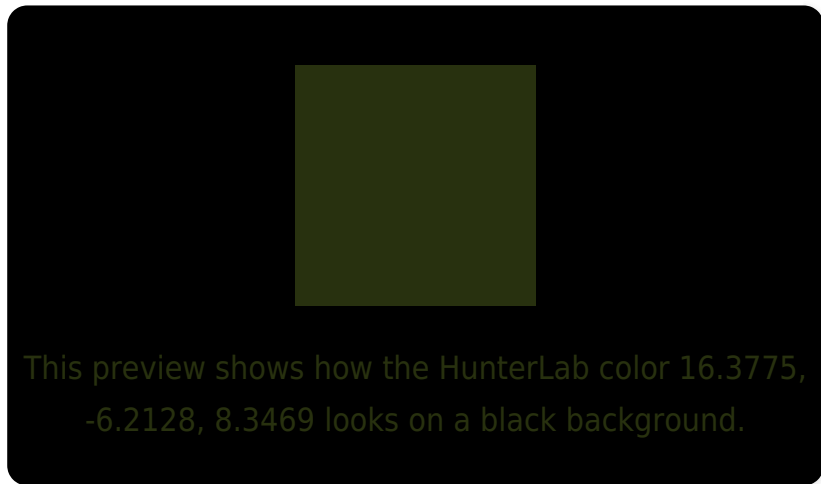
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.3775, -6.2128, 8.3469 Background



This preview shows how black text looks on a background with the HunterLab color 16.3775, -6.2128, 8.3469.



This preview shows how white text looks on a background with the HunterLab color 16.3775, -6.2128, 8.3469.

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

16.3775, -6.2128, 8.3469

Protanopia

16.3997, -2.3430, 8.5624

Deuteranopia

16.2422, 0.7258, 8.0852



Tritanopia

16.4658, -0.9537, -0.3335

Trichromacy



Original Color

16.3775, -6.2128, 8.3469

Protanomaly

16.3373, -3.8095, 8.4925

Deuteranomaly

16.1802, -1.8700, 8.1411

Tritanomaly

16.3713, -3.0631, 3.6956

Monochromacy



Original Color

16.3775, -6.2128, 8.3469

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.6604, -3.3150, 4.4183

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.3775, -6.2128, 8.3469 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(40, 49, 15)` looks like.

```
.text, #text, p{  
    color:rgb(40, 49, 15)  
}
```

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(40, 49, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 49, 15) }
```

Border

The CSS property to change the border of an element to HunterLab 16.3775, -6.2128, 8.3469 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(40, 49, 15) }
```


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

```
.border{ border-color:rgb(40, 49, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 49, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 49, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 49, 15);  
box-shadow:4px 4px 4px 4px rgb(40, 49, 15)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.3775, -6.2128, 8.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 49, 15) }
```

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

```
.background{ background-color: rgb(40, 49,  
15) }
```

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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