

Converting Colors

HunterLab(29.5802, -10.2993,
8.3511)

Have a look what the booklet for
HunterLab(29.5802, -10.2993,
8.3511) contains.

HunterLab(29.5700, -10.2061, 8.3167)	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(29.5700,
-10.2061, 8.3167)**

Conversions

Conversions Part 1

Format	Color
Hex	445940
RGB	68, 89, 64
RGB Percent	27%, 35%, 25%
CMY	0.7333, 0.6510, 0.7490
CMYK	0.24, 0.00, 0.28, 0.65
HSL	110°, 16%, 30%
HSV	110°, 28%, 35%
XYZ	6.8817, 8.7438, 6.1755
YIQ	79.8710, -4.4910, -12.2270

Conversions

Conversions Part 2

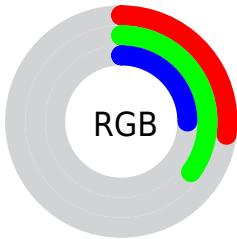
Format	Color
RYB	64, 89, 85
Decimal	4479296
CIELab	35.49, -13.53, 11.93
CIELCh	35, 18.036, 138.600
Yxy	8.7442, 0.3157, 0.4011
Android (android.graphics.Color)	4282669376 (0xFF445940)
YUV	79.8710, -7.8244, -10.4109
Hunter-Lab	29.5700, -10.2061, 8.3167

Details

The HunterLab color $29.5700, -10.2061, 8.3167$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $25.1388, 8.4323, -6.6538$, and the grayscale version is $28.3055, -1.5103, 1.5379$.

A 20% lighter version of the original color is $48.3911, -12.7794, 10.8129$, and $14.0573, -7.1289, 5.5449$ is the 20% darker color. If you saturate the color by 10%, you get $28.9809, -12.7768, 10.2139$, and if you desaturate by 10%, it is $30.2324, -7.3792, 6.1719$.

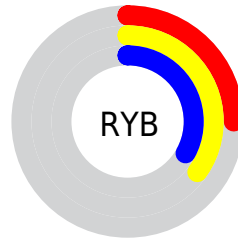
Distribution



Red (27%)

Green (35%)

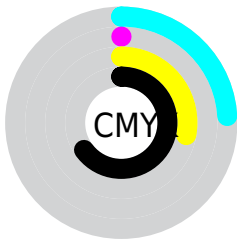
Blue (25%)



Red (25%)

Yellow (35%)

Blue (33%)

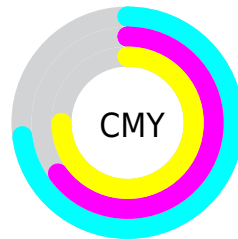


Cyan (24%)

Magenta (0%)

Yellow (28%)

Black (65%)



Cyan (73%)

Magenta (65%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.5700, -10.2061, 8.3167 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 29.5700, -10.2061, 8.3167 by changing the saturation by 10% instead.

■ 29.5700, -10.2061,
8.3167

■ 29.5700, -10.2061,
8.3167

134.7064,
-22.0699, 19.4751

■ 21.3886, -8.7712,
6.9839

■ 48.3787, -12.9277,
10.8515

■ 14.1420, -7.2391,
5.5621

■ 58.8771, -14.2487,
12.0869

■ 7.7939, -7.9803,
5.4558

■ 70.0411, -15.5568,
13.3139

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.8331, -16.8583,
14.5383

0.0000, NaN, NaN

■ 94.2215, -18.1575,
15.7640

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.1786,

-19.4576, 16.9940

0.0000, NaN, NaN

120.6807,
-20.7611, 18.2305

■ 29.5700, -10.2061,
8.3167

■ 29.5700, -10.2061,
8.3167

■ 28.9809, -12.7768,
10.2139

■ 30.2324, -7.3792,
6.1719

■ 28.4642, -15.0686,
11.8485

■ 30.9647, -4.3178,
3.7957

■ 28.0205, -17.0651,
13.2114

■ 31.7656, -1.0470,
1.2078

■ 27.6491, -18.7546,
14.2989

■ 32.6327, 2.4083,
-1.5719

■ 27.3482, -20.1326,
15.1147

■ 33.5633, 6.0241,
-4.5231

■ 27.1149, -21.2025,
15.6709

■ 34.5547, 9.7779,
-7.6262

■ 26.9371, -22.0260,
16.1055

■ 35.6038, 13.6491,
-10.8628

■ 26.9079, -22.1635,
16.1925

■ 36.7078, 17.6189,
-14.2159

■ 37.8637, 21.6711,
-17.6701

Harmonies

Analogous

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



29.5706, -5.3806, 10.6505



29.5700, -10.2061, 8.3167



29.5706, -12.6401, 3.8185

Triad

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



29.5706, -10.2067, 8.3170



29.5706, -3.9586, -12.2194



29.5706, 10.9296, 5.0856

Complementary

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



29.5700, -10.2061, 8.3167



25.1388, 8.4323, -6.6538

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.



29.5706, 11.3919, -0.7840



29.5700, -10.2061, 8.3167



29.5706, 2.4240, -11.6786

Square

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



29.5706, -10.2067, 8.3170



29.5706, -9.2416, -8.5164



29.5706, 8.1666, -7.1657



29.5706, 6.9524, 9.0752

Rectangle

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



29.5700, -10.2061, 8.3167



29.5706, -12.7280, -0.1837



29.5706, 8.1666, -7.1657



29.5706, 11.5130, 3.2972

Sweetspot

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



29.5706, -10.2067, 8.3170



40.4529, -5.7099, 5.0132



29.9419, -3.0309, 8.7920



20.3071, -3.1002, 2.7005



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



29.5706, -10.2067, 8.3170



38.0991, -15.7215, 12.6358



29.5082, -10.0963, 5.5722



15.3140, -2.2416, 1.9608



32.6445, -27.0447, 19.6420



77.1953, -64.8525, 46.4320

Inverse Universe

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



25.1388, 8.4323, -6.6538



30.9590, 14.3914, -11.5895



25.2585, 8.2782, -2.4111



14.6124, 0.6972, -0.3943



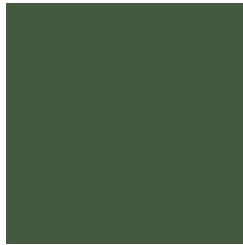
17.9878, 36.7176, -34.2131



42.2547, 86.5026, -82.3081

Previews

White Background



This preview shows how the HunterLab color 29.5700, -10.2061, 8.3167 looks on a white background.

Color Contrast Check

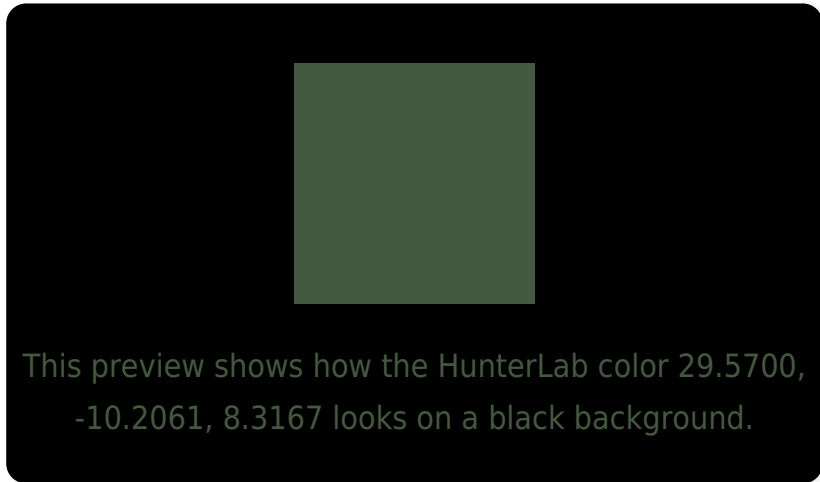
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5700, -10.2061, 8.3167 Background



This preview shows how black text looks on a background with the HunterLab color 29.5700, -10.2061, 8.3167.



This preview shows how white text looks on a background with the HunterLab color 29.5700, -10.2061, 8.3167.

-10.2061, 8.3167.

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

29.5700, -10.2061, 8.3167

Protanopia

29.4063, -2.5637, 9.1737

Deuteranopia

29.4484, 1.6959, 7.7983



Tritanopia

29.4723, -3.5609, -2.2707

Trichromacy



Original Color

29.5700, -10.2061, 8.3167

Protanomaly

29.3157, -5.5669, 8.7495

Deuteranomaly

29.2346, -3.0155, 7.8189

Tritanomaly

29.3332, -6.0021, 1.8349

Monochromacy



Original Color

29.5700, -10.2061, 8.3167

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.6661, -4.6485, 4.1829

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.5700, -10.2061, 8.3167 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(68, 89, 64)` looks like.

```
.text, #text, p{  
    color:rgb(68, 89, 64)  
}
```

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(68, 89, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 89, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 29.5700, -10.2061, 8.3167 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(68, 89, 64) }
```


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

```
.border{ border-color:rgb(68, 89, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 89, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 89, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 89, 64);  
box-shadow:4px 4px 4px 4px rgb(68, 89, 64)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.5700, -10.2061, 8.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 89, 64) }
```

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

```
.background{ background-color: rgb(68, 89,  
64) }
```

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