

Converting Colors

HunterLab(29.6702, -15.7537,
15.5209)

Have a look what the booklet for
HunterLab(29.6702, -15.7537,
15.5209) contains.

HunterLab(29.5637, -15.5944, 15.4807)	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(29.5637,
-15.5944, 15.4807)**

Conversions

Conversions Part 1

Format	Color
Hex	3D5C1E
RGB	61, 92, 30
RGB Percent	24%, 36%, 12%
CMY	0.7608, 0.6392, 0.8823
CMYK	0.34, 0.00, 0.67, 0.64
HSL	90°, 51%, 24%
HSV	90°, 67%, 36%
XYZ	5.9860, 8.7401, 2.5998
YIQ	75.6630, 1.4260, -25.8540

Conversions

Conversions Part 2

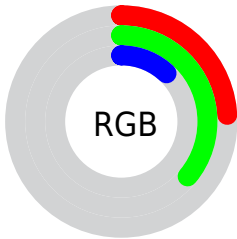
Format	Color
RYB	30, 92, 61
Decimal	4021278
CIELab	35.48, -22.96, 31.17
CIELCh	35, 38.712, 126.383
Yxy	8.7405, 0.3455, 0.5045
Android (android.graphics.Color)	4282211358 (0xFF3D5C1E)
YUV	75.6630, -22.5119, -12.8595
Hunter-Lab	29.5637, -15.5944, 15.4807

Details

The HunterLab color $[29.5637, -15.5944, 15.4807]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[16.4121, 18.2729, -26.1468]$, and the grayscale version is $[26.8409, -1.4322, 1.4583]$.

A 20% lighter version of the original color is $[48.2300, -19.3827, 20.7485]$, and $[14.3086, -10.5927, 8.6314]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.2581, -16.9504, 16.3138]$, and if you desaturate by 10%, it is $[29.9114, -14.0516, 14.3457]$.

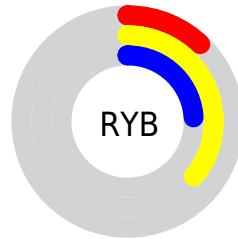
Distribution



Red (24%)

Green (36%)

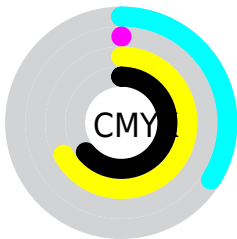
Blue (12%)



Red (12%)

Yellow (36%)

Blue (24%)

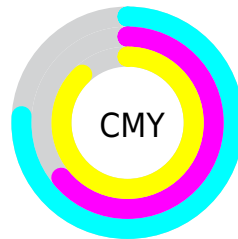


Cyan (34%)

Magenta (0%)

Yellow (67%)

Black (64%)



Cyan (76%)

Magenta (64%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.5637, -15.5944, 15.4807 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 29.5637, -15.5944, 15.4807 by changing the saturation by 10% instead.

■ 29.5637, -15.5944,
15.4807

■ 29.5637, -15.5944,
15.4807

■ 134.6960,
-32.0492, 36.5843

■ 21.3830, -13.4016,
12.4935

■ 48.3713, -19.5990,
20.8374

■ 14.1371, -10.9875,
9.8960

■ 58.8692, -21.4819,
23.3014

■ 7.7888, -13.2627,
5.4521

■ 70.0327, -23.3131,
25.6657

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.8243, -25.1058,
27.9518

0.0000, NaN, NaN

■ 94.2122, -26.8694,
30.1758


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 107.1690,


-28.6110, 32.3498


0.0000, NaN, NaN


 120.6706,
-30.3362, 34.4835


 29.5637, -15.5944,
15.4807


 29.5637, -15.5944,
15.4807


 29.2581, -16.9504,
16.3138


 29.9114, -14.0516,
14.3457


 28.9914, -18.1203,
16.8617


 30.3001, -12.3211,
12.8979

 28.7559, -19.1493,
17.2418

 30.7310, -10.4070,
11.1330

 28.6975, -19.4066,
17.3435

 31.2043, -8.3155,
9.0516

 31.7197, -6.0543,
6.6581

■ 32.2769, -3.6326,
3.9605

■ 32.8752, -1.0604,
0.9692

■ 33.5139, 1.6516,
-2.3031

■ 34.1920, 4.4926,
-5.8424

Harmonies

Analogous

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



29.5643, -4.4412, 17.2241



29.5637, -15.5944, 15.4807



29.5643, -21.9921, 9.9676

Triad

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



29.5643, -15.5951, 15.4809



29.5643, -11.3783, -31.6331



29.5643, 29.2946, 4.2530

Complementary

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



29.5637, -15.5944, 15.4807



16.4121, 18.2729, -26.1468

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.



29.5643, 26.5235, -10.2454



29.5637, -15.5944, 15.4807



29.5643, 1.3962, -35.5197

Square

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



29.5643, -15.5951, 15.4809



29.5643, -19.8842, -17.3666



29.5643, 15.6598, -26.3811



29.5643, 22.6629, 12.9205

Rectangle

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



29.5637, -15.5944, 15.4807



29.5643, -23.4816, 3.1419



29.5643, 15.6598, -26.3811



29.5643, 29.4467, -0.0101

Sweetspot

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



29.5643, -15.5951, 15.4809



41.7359, -9.0038, 9.8801



23.8890, 5.3956, 11.7660



20.8338, -4.7899, 5.2465



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



29.5643, -15.5951, 15.4809



38.4826, -23.4091, 22.0725



28.3275, -20.6049, 14.5234



16.2334, -2.0119, 2.2017



34.4727, -23.5425, 20.8298



80.3410, -56.4440, 48.5176

Inverse Universe

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



16.4121, 18.2729, -26.1468



18.1870, 30.0500, -46.0401



19.9419, 26.0582, -17.3608



15.2664, 0.3713, -0.5847



13.8765, 31.8217, -53.4966



31.6475, 73.5448, -129.5293

Previews

White Background



This preview shows how the HunterLab color 29.5637, -15.5944, 15.4807 looks on a white background.

Color Contrast Check

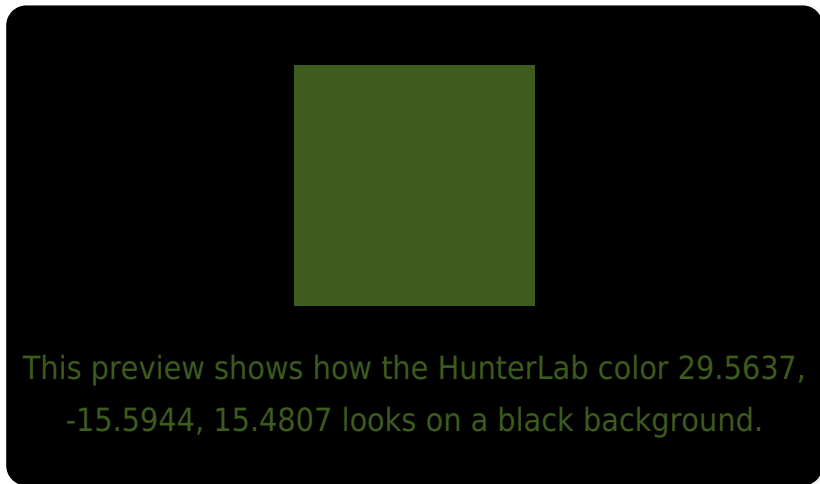
Large Text (above 18pt) WCAG AA ✓ Pass

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

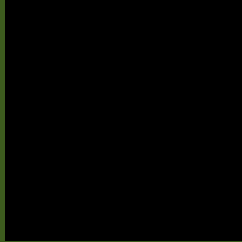
Any Text WCAG AA × Fail

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 29.5637, -15.5944, 15.4807 Background



This preview shows how black text looks on a background with the HunterLab color 29.5637, -15.5944, 15.4807.



This preview shows how white text looks on a background with the HunterLab color 29.5637, -15.5944, 15.4807.

-15.5944, 15.4807.

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

29.5637, -15.5944, 15.4807

Protanopia

29.3215, -3.7249, 15.7811

Deuteranopia

29.3104, 1.5570, 15.0269



Tritanopia

29.5770, -4.5088, -2.6132

Trichromacy



Original Color

29.5637, -15.5944, 15.4807

Protanomaly

29.1438, -8.4778, 15.4451

Deuteranomaly

29.1979, -5.4328, 14.9747

Tritanomaly

29.3512, -9.3416, 6.2178

Monochromacy



Original Color

29.5637, -15.5944, 15.4807

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

27.7308, -7.2989, 8.1132

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.5637, -15.5944, 15.4807 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(61, 92, 30)` looks like.

```
.text, #text, p{  
    color:rgb(61, 92, 30)  
}
```

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(61, 92, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 92, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 29.5637, -15.5944, 15.4807 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(61, 92, 30) }
```


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

```
.border{ border-color:rgb(61, 92, 30) }
```

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

Here you see how a box with a 4 pixel rgb(61, 92, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 92, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 92, 30);  
box-shadow:4px 4px 4px 4px rgb(61, 92, 30)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.5637, -15.5944, 15.4807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 92, 30) }
```

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

```
.background{ background-color: rgb(61, 92,  
30) }
```

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