

Converting Colors

HunterLab(30.5930, -14.5697,
16.3435)

Have a look what the booklet for
HunterLab(30.5930, -14.5697,
16.3435) contains.

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Color

**HunterLab(30.5930,
-14.5697, 16.3435)**

Conversions

Conversions Part 1

Format	Color
Hex	455E1D
RGB	69, 94, 29
RGB Percent	27%, 37%, 11%
CMY	0.7294, 0.6314, 0.8863
CMYK	0.27, 0.00, 0.69, 0.63
HSL	83°, 53%, 24%
HSV	83°, 69%, 37%
XYZ	6.6787, 9.3593, 2.6169
YIQ	79.1150, 5.9650, -25.5150

Conversions

Conversions Part 2

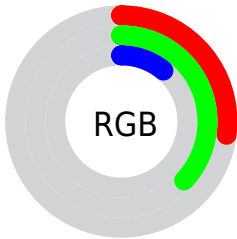
Format	Color
R_{YB}	29, 94, 54
Decimal	4546077
CIE Lab	36.67, -20.69, 33.09
CIE LCh	37, 39.023, 122.015
Yxy	9.3597, 0.3580, 0.5017
Android (android.graphics.Color)	4282736157 (0xFF455E1D)
YUV	79.1150, -24.7067, -8.8709
Hunter-Lab	30.5930, -14.5697, 16.3435

Details

The HunterLab color $[30.5930, -14.5697, 16.3435]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[15.7206, 17.6960, -29.9440]$, and the grayscale version is $[28.0888, -1.4988, 1.5261]$.

A 20% lighter version of the original color is $[49.6936, -18.5803, 22.1378]$, and $[15.1528, -9.9039, 9.1637]$ is the 20% darker color. If you saturate the color by 10%, you get $[30.3181, -15.7817, 17.1474]$, and if you desaturate by 10%, it is $[30.9028, -13.1969, 15.2274]$.

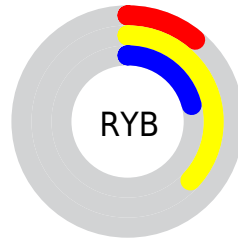
Distribution



Red (27%)

Green (37%)

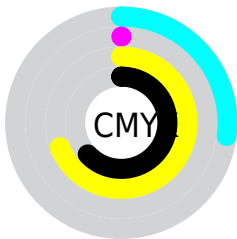
Blue (11%)



Red (11%)

Yellow (37%)

Blue (21%)

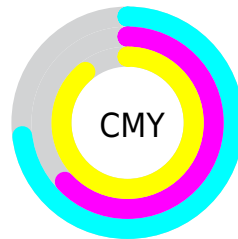


Cyan (27%)

Magenta (0%)

Yellow (69%)

Black (63%)



Cyan (73%)

Magenta (63%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.5930, -14.5697, 16.3435 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 30.5930, -14.5697, 16.3435 by changing the saturation by 10% instead.

■ 30.5930, -14.5697,
16.3435

■ 30.5930, -14.5697,
16.3435

■ 136.3962,
-29.8633, 38.3924

■ 22.3082, -12.5809,
13.2204

■ 49.5823, -18.2398,
21.9509

■ 14.9449, -10.4125,
10.4615

■ 60.1614, -19.9792,
24.5299

■ 8.5917, -10.9513,
6.0142

■ 71.4014, -21.6783,
27.0030

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 83.2655, -23.3479,
29.3923

0.0000, NaN, NaN

■ 95.7223, -24.9958,
31.7144

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 108.7450,

-26.6282, 33.9822

0.0000, NaN, NaN

122.3099,
-28.2495, 36.2055

30.5930, -14.5697,
16.3435

30.5930, -14.5697,
16.3435

30.3181, -15.7817,
17.1474

30.9028, -13.1969,
15.2274

30.0746, -16.8357,
17.6596

31.2467, -11.6588,
13.7846

29.8524, -17.7938,
18.0377

31.6260, -9.9567,
12.0070

29.8340, -17.8738,
18.0707

32.0413, -8.0930,
9.8912

32.4926, -6.0722,
7.4381

■ 32.9799, -3.8997,
4.6520

■ 33.5031, -1.5823,
1.5402

■ 34.0617, 0.8724,
-1.8874

■ 34.6551, 3.4564,
-5.6193

Harmonies

Analogous

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



30.5937, -2.5697, 17.7478



30.5930, -14.5697, 16.3435



30.5937, -21.8646, 11.3658

Triad

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



30.5937, -14.5705, 16.3437



30.5937, -13.2081, -30.4323



30.5937, 29.9747, 2.5473

Complementary

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



30.5930, -14.5697, 16.3435



15.7206, 17.6960, -29.9440

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.



30.5937, 25.7725, -12.8537



30.5930, -14.5697, 16.3435



30.5937, -0.6870, -36.2746

Square

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



30.5937, -14.5705, 16.3437



30.5937, -21.1825, -15.1425



30.5937, 13.8887, -28.7468



30.5937, 24.5302, 12.3223

Rectangle

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



30.5930, -14.5697, 16.3435



30.5937, -23.8850, 4.9953



30.5937, 13.8887, -28.7468



30.5937, 29.6415, -2.0869

Sweetspot

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



30.5937, -14.5705, 16.3437



42.8409, -8.7236, 10.6967



22.5816, 9.1236, 11.0221



20.9201, -4.4985, 5.5158



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.



30.5937, -14.5705, 16.3437



39.9057, -21.8027, 23.1677



29.1208, -20.4797, 15.2187



16.2693, -1.8844, 2.2433



35.0522, -21.1849, 21.2281



81.7067, -50.8618, 49.4569

Inverse Universe

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



15.7206, 17.6960, -29.9440



17.0337, 29.4919, -53.5296



19.1973, 25.3208, -20.4347



15.2286, 0.2424, -0.6352



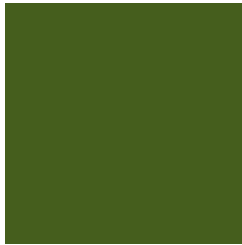
12.7049, 30.5585, -60.0133



28.9111, 70.6899, -145.4926

Previews

White Background



This preview shows how the HunterLab color 30.5930, -14.5697, 16.3435 looks on a white background.

Color Contrast Check

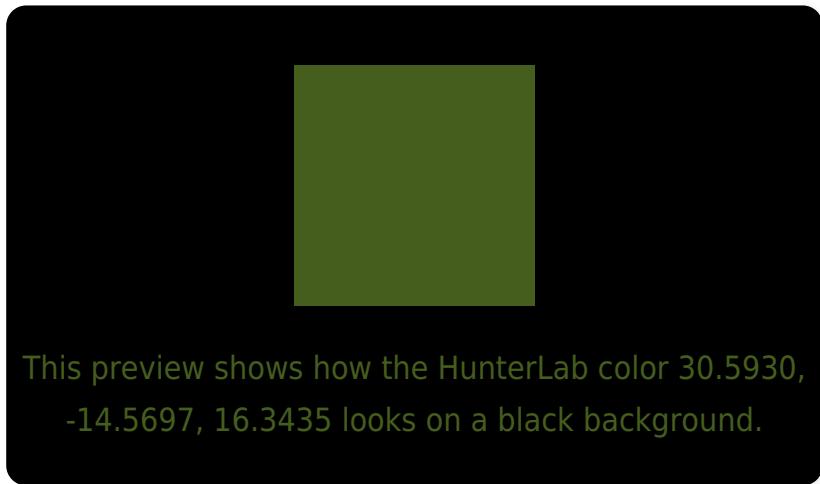
Large Text (above 18pt) WCAG AA ✓ Pass

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

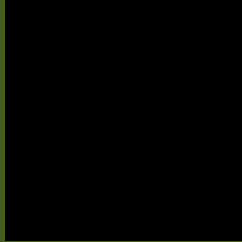
Any Text WCAG AA × Fail

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 30.5930, -14.5697, 16.3435 Background



This preview shows how black text looks on a background with the HunterLab color 30.5930, -14.5697, 16.3435.



This preview shows how white text looks on a background with the HunterLab color 30.5930, -14.5697, 16.3435.

-14.5697, 16.3435.

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

30.5930, -14.5697, 16.3435

Protanopia

30.3669, -4.0630, 16.6163

Deuteranopia

30.4470, 1.5641, 15.9868



Tritanopia

30.6324, -3.4008, -2.1390

Trichromacy



Original Color

30.5930, -14.5697, 16.3435

Protanomaly

30.3431, -8.2756, 16.4057

Deuteranomaly

30.1447, -4.7735, 15.8037

Tritanomaly

30.3696, -8.3740, 6.9290

Monochromacy



Original Color

30.5930, -14.5697, 16.3435

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

28.5892, -6.8610, 8.3406

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.5930, -14.5697, 16.3435 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, 94, 29)` looks like.

```
.text, #text, p{  
    color:rgb(69, 94, 29)  
}
```

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, 94, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 94, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 30.5930, -14.5697, 16.3435 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, 94, 29) }
```


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

```
.border{ border-color:rgb(69, 94, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 94, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 94, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 94, 29);  
box-shadow:4px 4px 4px 4px rgb(69, 94, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.5930, -14.5697, 16.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 94, 29) }
```

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

```
.background{ background-color: rgb(69, 94,  
29) }
```

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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