

Converting Colors

HunterLab(27.6183, -14.3354,
17.5158)

Have a look what the booklet for
HunterLab(27.6183, -14.3354,
17.5158) contains.

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Color

**HunterLab(27.7711,
-14.0341, 16.8667)**

Conversions

Conversions Part 1

Format	Color
Hex	3F5600
RGB	63, 86, 0
RGB Percent	25%, 34%, 0%
CMY	0.7529, 0.6627, 1.0000
CMYK	0.27, 0.00, 1.00, 0.66
HSL	76°, 100%, 17%
HSV	76°, 100%, 34%
XYZ	5.3777, 7.7123, 1.2052
YIQ	69.3190, 13.8980, -31.6220

Conversions

Conversions Part 2

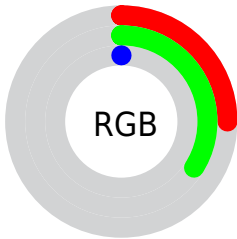
Format	Color
RYB	0, 86, 23
Decimal	4150784
CIELab	33.38, -20.88, 40.56
CIELCh	33, 45.618, 117.240
Yxy	7.7127, 0.3762, 0.5395
Android (android.graphics.Color)	4282340864 (0xFF3F5600)
YUV	69.3190, -34.1743, -5.5418
Hunter-Lab	27.7711, -14.0341, 16.8667

Details

The HunterLab color $[27.7711, -14.0341, 16.8667]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[9.2426, 23.0953, -50.3807]$, and the grayscale version is $[24.6213, -1.3137, 1.3377]$.

A 20% lighter version of the original color is $[46.3164, -17.8128, 23.7605]$, and $[12.9284, -9.3852, 7.8021]$ is the 20% darker color. If you saturate the color by 10%, you get $[27.7716, -14.0352, 16.8670]$, and if you desaturate by 10%, it is $[27.9443, -13.2912, 16.4622]$.

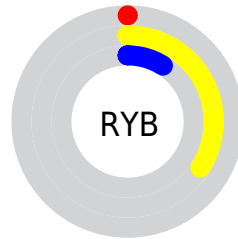
Distribution



Red (25%)

Green (34%)

Blue (0%)



Red (0%)

Yellow (34%)

Blue (9%)

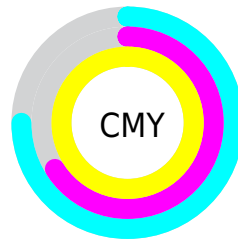


Cyan (27%)

Magenta (0%)

Yellow (100%)

Black (66%)



Cyan (75%)

Magenta (66%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.7711, -14.0341, 16.8667 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 27.7711, -14.0341, 16.8667 by changing the saturation by 10% instead.

27.7711, -14.0341,
16.8667

27.7711, -14.0341,
16.8667

131.7045,
-29.5328, 43.3628

19.7779, -11.9793,
13.8445

46.2528, -17.7872,
23.7564

12.7447, -9.7103,
8.9213

56.6053, -19.5547,
26.8930

6.1146, -10.7005,
4.2802

67.6321, -21.2766,
29.8786

0.0000, NaN, NaN

0.0000, NaN, NaN

79.2945, -22.9652,
32.7424

0.0000, NaN, NaN

91.5595, -24.6292,
35.5071


0.0000, NaN, NaN


0.0000, NaN, NaN


104.3987,


-26.2752, 38.1899


0.0000, NaN, NaN


 117.7876,
-27.9085, 40.8049


 27.7711, -14.0341,
16.8667


 27.7711, -14.0341,
16.8667


 27.7716, -14.0352,
16.8670

 27.9443, -13.2912,
16.4622

 28.1277, -12.4996,
15.9777

 28.3338, -11.5902,
15.2351

 28.5644, -10.5557,
14.2112

 28.8205, -9.3920,
12.8918

■ 29.1030, -8.0976,
11.2673

■ 29.4126, -6.6720,
9.3320

■ 29.7496, -5.1166,
7.0839

■ 30.1142, -3.4337,
4.5240

Harmonies

Analogous

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



27.7717, -0.0094, 17.6518



27.7711, -14.0341, 16.8667



27.7717, -22.6450, 13.0222

Triad

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



27.7717, -14.0348, 16.8668



27.7717, -16.0497, -35.2867



27.7717, 35.7196, 0.0878

Complementary

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



27.7711, -14.0341, 16.8667



9.2426, 23.0953, -50.3807

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.



27.7717, 28.8630, -19.0428



27.7711, -14.0341, 16.8667



27.7717, -2.9272, -45.4319

Square

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



27.7717, -14.0348, 16.8668



27.7717, -23.6130, -15.1801



27.7717, 13.7892, -38.2592



27.7717, 30.9130, 11.7325

Rectangle

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



27.7711, -14.0341, 16.8667



27.7717, -25.2855, 7.1536



27.7717, 13.7892, -38.2592



27.7717, 34.6728, -5.6369

Sweetspot

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



27.7717, -14.0348, 16.8668



38.8402, -9.0206, 12.6169



16.0899, 17.8063, 10.2258



19.1333, -4.6924, 6.5594



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



27.7717, -14.0348, 16.8668



36.6536, -18.7931, 22.2568



26.0872, -20.8972, 15.7087



15.4795, -1.6537, 2.1526



34.8929, -17.8493, 21.1884



82.4267, -43.3873, 50.0314

Inverse Universe

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



9.2426, 23.0953, -50.3807



12.0437, 30.3753, -67.7994



13.5205, 28.1220, -29.7861



14.4348, 0.0939, -0.6301



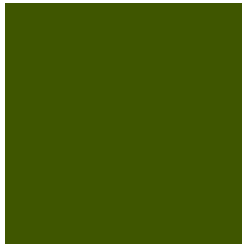
11.4880, 28.9320, -64.3468



26.5021, 67.9306, -157.6395

Previews

White Background



This preview shows how the HunterLab color 27.7711, -14.0341, 16.8667 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



This preview shows how the HunterLab color 27.7711, -14.0341, 16.8667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

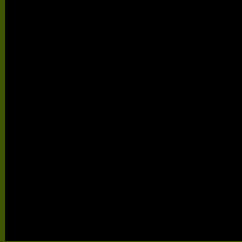
Any Text WCAG AA × Fail

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 27.7711, -14.0341, 16.8667 Background



This preview shows how black text looks on a background with the HunterLab color 27.7711, -14.0341, 16.8667.



This preview shows how white text looks on a background with the HunterLab color 27.7711,

-14.0341, 16.8667.

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

27.7711, -14.0341, 16.8667

Protanopia

27.7773, -4.1687, 17.0433

Deuteranopia

27.5456, 1.6139, 15.9466



Tritanopia

27.8367, -2.8853, -1.6498

Trichromacy



Original Color

27.7711, -14.0341, 16.8667

Protanomaly

27.8210, -8.1017, 17.0013

Deuteranomaly

27.2931, -4.4874, 16.1155

Tritanomaly

27.4579, -8.4560, 8.9667

Monochromacy



Original Color

27.7711, -14.0341, 16.8667

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

25.3126, -7.0252, 9.8931

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.7711, -14.0341, 16.8667 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(63, 86, 0)` looks like.

```
.text, #text, p{  
    color:rgb(63, 86, 0)  
}
```

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(63, 86, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 86, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 27.7711, -14.0341, 16.8667 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(63, 86, 0) }
```


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

```
.border{ border-color:rgb(63, 86, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 86, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 86, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(63, 86, 0); box-shadow:4px  
4px 4px 4px rgb(63, 86, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.7711, -14.0341, 16.8667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 86, 0) }
```

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

```
.background{ background-color: rgb(63, 86,  
0) }
```

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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