

Converting Colors

HunterLab(30.0136, -14.4818,
7.4085)

Have a look what the booklet for
HunterLab(30.0136, -14.4818,
7.4085) contains.

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Color

**HunterLab(29.9602,
-14.4551, 7.3856)**

Conversions

Conversions Part 1

Format	Color
Hex	345D44
RGB	52, 93, 68
RGB Percent	20%, 36%, 27%
CMY	0.7961, 0.6353, 0.7333
CMYK	0.44, 0.00, 0.27, 0.64
HSL	143°, 28%, 28%
HSV	143°, 44%, 36%
XYZ	6.3739, 8.9761, 6.8655
YIQ	77.8910, -16.4110, -16.4670

Conversions

Conversions Part 2

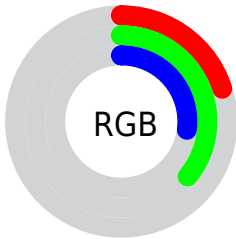
Format	Color
RYB	52, 81, 93
Decimal	3431748
CIELab	35.94, -20.73, 9.95
CIELCh	36, 22.996, 154.374
Yxy	8.9765, 0.2869, 0.4040
Android (android.graphics.Color)	4281621828 (0xFF345D44)
YUV	77.8910, -4.8763, -22.7064
Hunter-Lab	29.9602, -14.4551, 7.3856

Details

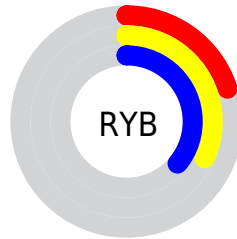
The HunterLab color **29.9602, -14.4551, 7.3856** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **23.0633, 14.4511, -3.5860**, and the grayscale version is **27.5843, -1.4718, 1.4987**.

A 20% lighter version of the original color is **48.9634, -18.2702, 9.8434**, and **14.5912, -10.3401, 5.0729** is the 20% darker color. If you saturate the color by 10%, you get **29.4748, -16.5960, 8.6083**, and if you desaturate by 10%, it is **30.5299, -12.0173, 6.1326**.

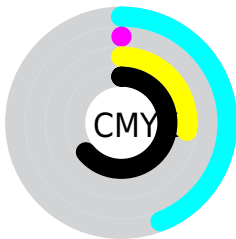
Distribution



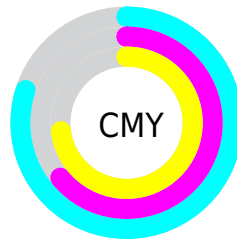
- Red (20%)
- Green (36%)
- Blue (27%)



- Red (20%)
- Yellow (32%)
- Blue (36%)



- Cyan (44%)
- Magenta (0%)
- Yellow (27%)
- Black (64%)



- Cyan (80%)
- Magenta (64%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9602, -14.4551, 7.3856 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 29.9602, -14.4551, 7.3856 by changing the saturation by 10% instead.

■ 29.9602, -14.4551,
7.3856

■ 29.9602, -14.4551,
7.3856

■ 135.3523,
-29.7938, 17.5937

■ 21.7390, -12.4519,
6.2141

■ 48.8382, -18.1430,
9.6507

■ 14.4476, -10.2623,
4.9821

■ 59.3676, -19.8886,
10.7693

■ 8.1086, -11.5753,
5.5255

■ 70.5607, -21.5928,
11.8880

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.3804, -23.2666,
13.0111

0.0000, NaN, NaN

■ 94.7950, -24.9182,
14.1414

0.0000, NaN, NaN

■ 107.7772,

0.0000, NaN, NaN

-26.5536, 15.2810

0.0000, NaN, NaN

121.3034,
-28.1776, 16.4314

■ 29.9602, -14.4551,
7.3856

■ 29.9602, -14.4551,
7.3856

■ 29.4748, -16.5960,
8.6083

■ 30.5299, -12.0173,
6.1326

■ 29.0707, -18.4248,
9.7865

■ 31.1819, -9.3010,
4.8615

■ 28.7461, -19.9355,
10.9072

■ 31.9160, -6.3304,
3.5848

■ 28.4971, -21.1312,
11.9577

■ 32.7304, -3.1318,
2.3134

■ 28.3114, -22.0532,
12.9209

■ 33.6226, 0.2678,
1.0568

■ 28.2103, -22.5557,
13.4308

■ 34.5899, 3.8413,
-0.1771

■ 35.6291, 7.5634,
-1.3819

■ 36.7368, 11.4103,
-2.5529

■ 37.9095, 15.3607,
-3.6867

Harmonies

Analogous

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



29.9608, -9.9409, 11.5067



29.9602, -14.4551, 7.3856



29.9608, -15.6733, 0.4720

Triad

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



29.9608, -14.4555, 7.3859



29.9608, -0.3962, -17.3548



29.9608, 12.4550, 8.8828

Complementary

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



29.9602, -14.4551, 7.3856



23.0633, 14.4511, -3.5860

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.



29.9608, 15.6719, 2.7452



29.9602, -14.4551, 7.3856



29.9608, 7.7661, -13.4581

Square

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



29.9608, -14.4555, 7.3859



29.9608, -8.0781, -15.1545



29.9608, 13.8710, -5.5556



29.9608, 5.4795, 12.1951

Rectangle

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



29.9602, -14.4551, 7.3856



29.9608, -14.5745, -5.1931



29.9608, 13.8710, -5.5556



29.9608, 14.0438, 7.1515

Sweetspot

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



29.9608, -14.4555, 7.3859



41.8205, -8.0001, 4.5737



31.0912, -10.6735, 12.7758



20.8599, -4.3267, 2.4227



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.



29.9608, -14.4555, 7.3859



38.5266, -21.8432, 11.3419



30.4423, -11.6354, 0.4807



16.1219, -2.3288, 1.4525



33.5401, -26.9205, 16.1915



78.3821, -63.6497, 39.4306

Inverse Universe

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



23.0633, 14.4511, -3.5860



27.6949, 23.8719, -5.7258



22.5313, 11.8719, 3.9795



15.3902, 0.7009, 0.2744



19.2254, 35.0232, -3.8489



44.7912, 81.2432, -6.2258

Previews

White Background



This preview shows how the HunterLab color 29.9602, -14.4551, 7.3856 looks on a white background.

Color Contrast Check

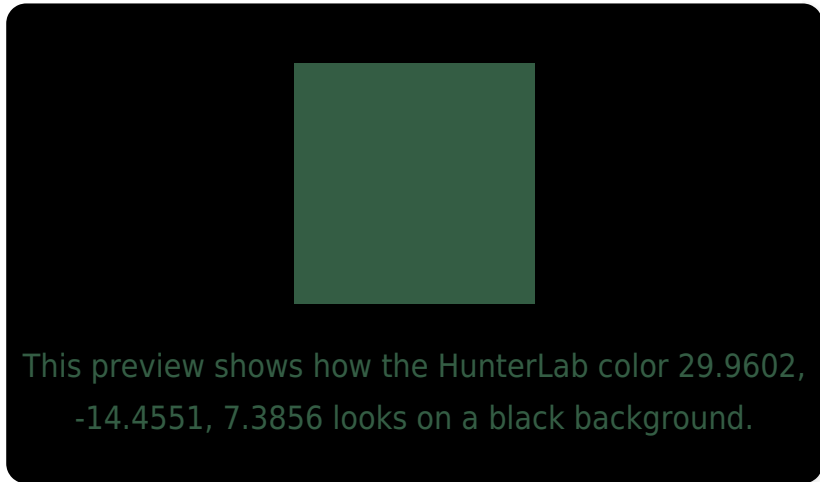
Large Text (above 18pt) WCAG AA ✓ Pass

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

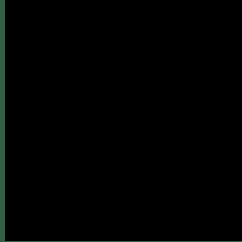
Any Text WCAG AA × Fail

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 29.9602, -14.4551, 7.3856 Background



This preview shows how black text looks on a background with the HunterLab color 29.9602, -14.4551, 7.3856.



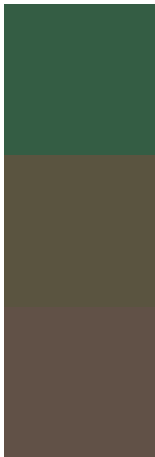
This preview shows how white text looks on a background with the HunterLab color 29.9602,

-14.4551, 7.3856.

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

29.9602, -14.4551, 7.3856

Protanopia

29.8068, -2.3839, 8.6768

Deuteranopia

29.8013, 1.8118, 6.5352



Tritanopia

29.8648, -7.5123, -3.6987

Trichromacy



Original Color

29.9602, -14.4551, 7.3856

Protanomaly

29.5543, -7.3712, 8.0494

Deuteranomaly

29.4763, -4.6679, 6.4264

Tritanomaly

29.7068, -10.1257, 0.5564

Monochromacy



Original Color

29.9602, -14.4551, 7.3856

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

28.1889, -6.3753, 3.6318

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.9602, -14.4551, 7.3856 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(52, 93, 68)` looks like.

```
.text, #text, p{  
    color:rgb(52, 93, 68)  
}
```

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(52, 93, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 93, 68) }
```

Border

The CSS property to change the border of an element to HunterLab 29.9602, -14.4551, 7.3856 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(52, 93, 68) }
```


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

```
.border{ border-color:rgb(52, 93, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 93, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 93, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 93, 68);  
box-shadow:4px 4px 4px 4px rgb(52, 93, 68)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.9602, -14.4551, 7.3856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 93, 68) }
```

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

```
.background{ background-color: rgb(52, 93,  
68) }
```

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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