

Converting Colors

HunterLab(28.3487, -14.7235,
7.1044)

Have a look what the booklet for
HunterLab(28.3487, -14.7235,
7.1044) contains.

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Color

**HunterLab(28.3732,
-14.8222, 7.0882)**

Conversions

Conversions Part 1	
Format	Color
Hex	2C5940
RGB	44, 89, 64
RGB Percent	17%, 35%, 25%
CMY	0.8274, 0.6510, 0.7490
CMYK	0.51, 0.00, 0.28, 0.65
HSL	147°, 34%, 26%
HSV	147°, 51%, 35%
XYZ	5.5365, 8.0504, 6.1125
YIQ	72.6950, -18.7950, -17.3150

Conversions

Conversions Part 2

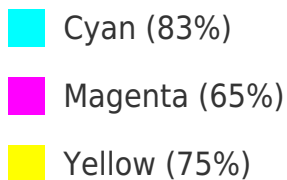
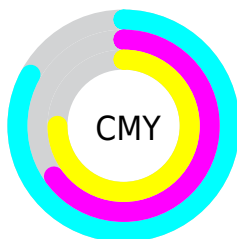
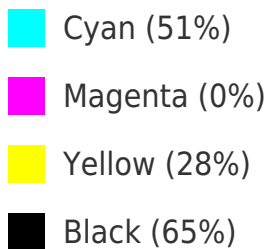
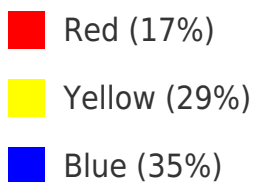
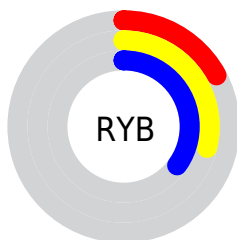
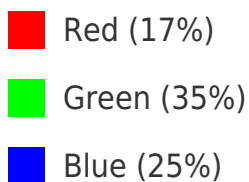
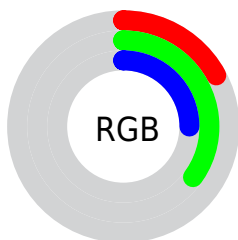
Format	Color
RYB	44, 75, 89
Decimal	2906432
CIELab	34.09, -22.07, 9.78
CIELCh	34, 24.142, 156.108
Yxy	8.0507, 0.2810, 0.4087
Android (android.graphics.Color)	4281096512 (0xFF2C5940)
YUV	72.6950, -4.2866, -25.1655
Hunter-Lab	28.3732, -14.8222, 7.0882

Details

The HunterLab color $[28.3732, -14.8222, 7.0882]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[20.8688, 15.6124, -2.8643]$, and the grayscale version is $[25.7235, -1.3725, 1.3976]$.

A 20% lighter version of the original color is $[46.8639, -18.5119, 9.1594]$, and $[13.3488, -9.9986, 4.8992]$ is the 20% darker color. If you saturate the color by 10%, you get $[27.9651, -16.6415, 8.1520]$, and if you desaturate by 10%, it is $[28.8587, -12.7228, 6.0109]$.


Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 28.3732, -14.8222, 7.0882 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 28.3732, -14.8222, 7.0882 by changing the saturation by 10% instead.


 28.3732, -14.8222,
7.0882


 28.3732, -14.8222,
7.0882


132.7137,
-30.8897, 17.2138


 20.3160, -12.6789,
5.9218

 46.9657, -18.7295,
9.3370

 13.2102, -10.3122,
4.6895


 57.3676, -20.5662,
10.4463

 6.7275, -11.7732,
4.7093


 68.4409, -22.3531,
11.5555

0.0000, NaN, NaN

0.0000, NaN, NaN

 80.1471, -24.1031,
12.6689

0.0000, NaN, NaN

 92.4538, -25.8255,
13.7896

0.0000, NaN, NaN

0.0000, NaN, NaN

 105.3329,

-27.5273, 14.9197

0.0000, NaN, NaN

118.7600,
-29.2140, 16.0607

■ 28.3732, -14.8222,
7.0882

■ 28.3732, -14.8222,
7.0882

■ 27.9651, -16.6415,
8.1520

■ 28.8587, -12.7228,
6.0109

■ 27.6310, -18.1715,
9.1897

■ 29.4206, -10.3564,
4.9307

■ 27.3682, -19.4119,
10.1894

■ 30.0591, -7.7425,
3.8584

■ 27.1713, -20.3753,
11.1386

■ 30.7732, -4.9033,
2.8036

■ 27.0097, -21.1757,
11.9525

■ 31.5610, -1.8627,
1.7742

■ 32.4204, 1.3549,
0.7769

■ 33.3485, 4.7257,
-0.1831

■ 34.3426, 8.2269,
-1.1021

■ 35.3995, 11.8379,
-1.9776

Harmonies

Analogous

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



28.3738, -10.4189, 11.3636



28.3732, -14.8222, 7.0882



28.3738, -15.8537, -0.1392

Triad

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



28.3738, -14.8226, 7.0885



28.3738, 0.2233, -18.3700



28.3738, 12.7457, 9.1880

Complementary

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



28.3732, -14.8222, 7.0882



20.8688, 15.6124, -2.8643

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.



28.3738, 16.3935, 3.1309



28.3732, -14.8222, 7.0882



28.3738, 8.6422, -13.8810

Square

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



28.3738, -14.8226, 7.0885



28.3738, -7.7643, -16.3974



28.3738, 14.8109, -5.4085



28.3738, 5.3258, 12.3060

Rectangle

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



28.3732, -14.8222, 7.0882



28.3738, -14.6094, -6.0817



28.3738, 14.8109, -5.4085



28.3738, 14.4907, 7.5072

Sweetspot

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



28.3738, -14.8226, 7.0885



39.7484, -8.2656, 4.3376



29.3437, -11.7072, 13.0616



19.9444, -4.4102, 2.2766



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.



28.3738, -14.8226, 7.0885



36.4372, -22.2558, 10.9780



28.9006, -11.7204, -0.4592



15.3122, -2.1626, 1.2952



32.7816, -25.8222, 14.7686



77.5840, -61.9046, 36.6610

Inverse Universe

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



20.8688, 15.6124, -2.8643



24.7393, 25.6303, -4.2323



20.3239, 13.0353, 4.9059



14.6160, 0.6141, 0.3492



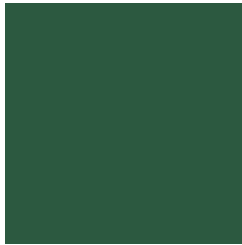
18.5823, 33.5501, -1.3831



43.8348, 78.7658, -0.3362

Previews

White Background



This preview shows how the HunterLab color 28.3732, -14.8222, 7.0882 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 28.3732, -14.8222, 7.0882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

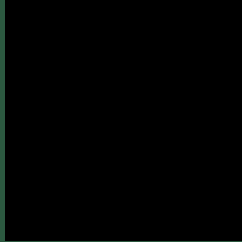
Any Text WCAG AA × Fail

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 28.3732, -14.8222, 7.0882 Background



This preview shows how black text looks on a background with the HunterLab color 28.3732, -14.8222, 7.0882.



This preview shows how white text looks on a background with the HunterLab color 28.3732,

-14.8222, 7.0882.

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

28.3732, -14.8222, 7.0882

Protanopia

28.3584, -2.2804, 8.4966

Deuteranopia

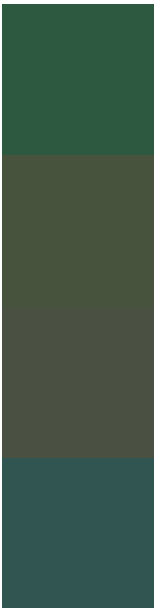
28.2636, 1.5723, 6.3040



Tritanopia

28.2839, -7.8665, -3.9343

Trichromacy



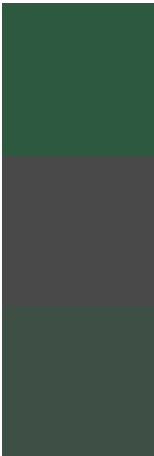
Original Color
28.3732, -14.8222, 7.0882

Protanomaly
28.0411, -7.4781, 7.8131

Deuteranomaly
27.8820, -5.0843, 6.1314

Tritanomaly
28.1385, -10.4358, 0.3360

Monochromacy



Original Color
28.3732, -14.8222, 7.0882

Achromatopsia
25.8120, -1.3773, 1.4024

Achromatomaly
26.5674, -6.9325, 3.3182

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.3732, -14.8222, 7.0882 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(44, 89, 64)` looks like.

```
.text, #text, p{  
    color:rgb(44, 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(44, 89, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 89, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 28.3732, -14.8222, 7.0882 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(44, 89, 64) }
```


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

```
.border{ border-color:rgb(44, 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(44, 89, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 89, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 89, 64);  
box-shadow:4px 4px 4px 4px rgb(44, 89, 64)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.3732, -14.8222, 7.0882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 89, 64) }
```

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

```
.background{ background-color: rgb(44, 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](#).

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