

Converting Colors

HunterLab(28.2201, -14.5511,
14.5348)

Have a look what the booklet for
HunterLab(28.2201, -14.5511,
14.5348) contains.

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Color

**HunterLab(28.2896,
-14.6283, 14.6015)**

Conversions

Conversions Part 1

Format	Color
Hex	3B581E
RGB	59, 88, 30
RGB Percent	23%, 35%, 12%
CMY	0.7686, 0.6549, 0.8823
CMYK	0.33, 0.00, 0.66, 0.65
HSL	90°, 49%, 23%
HSV	90°, 66%, 35%
XYZ	5.5277, 8.0030, 2.4817
YIQ	72.7170, 1.3340, -24.1860

Conversions

Conversions Part 2

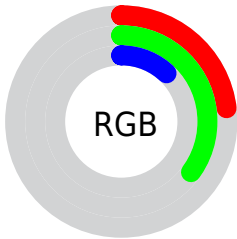
Format	Color
RYB	30, 88, 59
Decimal	3889182
CIELab	33.99, -21.75, 29.48
CIELCh	34, 36.638, 126.420
Yxy	8.0034, 0.3452, 0.4998
Android (android.graphics.Color)	4282079262 (0xFF3B581E)
YUV	72.7170, -21.0595, -12.0298
Hunter-Lab	28.2896, -14.6283, 14.6015

Details

The HunterLab color $[28.2896, -14.6283, 14.6015]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[16.0100, 16.9113, -24.0314]$, and the grayscale version is $[25.7841, -1.3758, 1.4009]$.

A 20% lighter version of the original color is $[46.7984, -18.5338, 19.6172]$, and $[13.1966, -9.6497, 7.9627]$ is the 20% darker color. If you saturate the color by 10%, you get $[27.9923, -15.9494, 15.4459]$, and if you desaturate by 10%, it is $[28.6269, -13.1310, 13.4699]$.

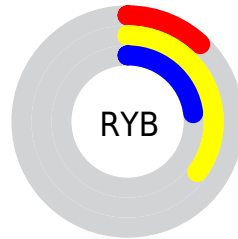
Distribution



Red (23%)

Green (35%)

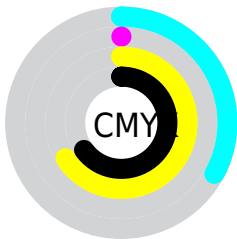
Blue (12%)



Red (12%)

Yellow (35%)

Blue (23%)

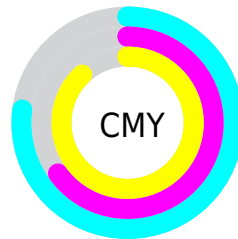


Cyan (33%)

Magenta (0%)

Yellow (66%)

Black (65%)



Cyan (77%)

Magenta (65%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.2896, -14.6283, 14.6015 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 28.2896, -14.6283, 14.6015 by changing the saturation by 10% instead.

■ 28.2896, -14.6283,
14.6015

■ 28.2896, -14.6283,
14.6015

132.5739,
-30.5395, 34.9042

■ 20.2413, -12.5105,
11.7361

■ 46.8669, -18.4925,
19.7504

■ 13.1454, -10.1726,
9.2018

■ 57.2619, -20.3102,
22.1174

■ 6.6461, -11.6307,
4.6523

■ 68.3288, -22.0792,
24.3895

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.0290, -23.8123,
26.5877

0.0000, NaN, NaN

■ 92.3299, -25.5188,
28.7277

0.0000, NaN, NaN

■ 105.2035,

0.0000, NaN, NaN

-27.2055, 30.8213

0.0000, NaN, NaN

118.6253,
-28.8777, 32.8777

28.2896, -14.6283,
14.6015

28.2896, -14.6283,
14.6015

27.9923, -15.9494,
15.4459

28.6269, -13.1310,
13.4699

27.7318, -17.0941,
16.0175

29.0030, -11.4569,
12.0421

27.5025, -18.0967,
16.4072

29.4190, -9.6105,
10.3149

27.4139, -18.4878,
16.5687

29.8749, -7.5978,
8.2894

30.3705, -5.4264,
5.9705

■ 30.9055, -3.1050,
3.3661

■ 31.4792, -0.6430,
0.4863

■ 32.0908, 1.9494,
-2.6568

■ 32.7394, 4.6620,
-6.0499

Harmonies

Analogous

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



28.2902, -4.1970, 16.2843



28.2896, -14.6283, 14.6015



28.2902, -20.6351, 9.3623

Triad

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



28.2902, -14.6289, 14.6017



28.2902, -10.6541, -29.2024



28.2902, 27.1618, 4.0224

Complementary

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



28.2896, -14.6283, 14.6015



16.0100, 16.9113, -24.0314

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.



28.2902, 24.6069, -9.4511



28.2896, -14.6283, 14.6015



28.2902, 1.2790, -32.7582

Square

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



28.2902, -14.6289, 14.6017



28.2902, -18.6399, -16.0711



28.2902, 14.5418, -24.3436



28.2902, 21.0093, 12.1714

Rectangle

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



28.2896, -14.6283, 14.6015



28.2902, -22.0346, 2.9560



28.2902, 14.5418, -24.3436



28.2902, 27.3064, 0.0467

Sweetspot

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



28.2902, -14.6289, 14.6017



39.8416, -8.5661, 9.4006



23.0146, 4.8886, 11.1024



19.9952, -4.5697, 5.0063



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.



28.2902, -14.6289, 14.6017



36.8124, -21.9824, 20.8984



27.1101, -19.3955, 13.6790



15.4113, -1.8954, 2.0737



33.6274, -22.9371, 20.3195



79.3663, -55.7444, 47.9292

Inverse Universe

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



16.0100, 16.9113, -24.0314



17.8051, 27.9237, -42.2994



19.2564, 24.2421, -16.1381



14.5059, 0.3361, -0.5354



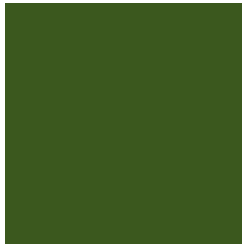
13.5485, 31.0526, -52.1003



31.2703, 72.6585, -127.9097

Previews

White Background



This preview shows how the HunterLab color 28.2896, -14.6283, 14.6015 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 28.2896, -14.6283, 14.6015 Background



This preview shows how black text looks on a background with the HunterLab color 28.2896, -14.6283, 14.6015.



This preview shows how white text looks on a background with the HunterLab color 28.2896, -14.6283, 14.6015.

-14.6283, 14.6015.

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

28.2896, -14.6283, 14.6015

Protanopia

28.1869, -3.7435, 14.9922

Deuteranopia

28.1727, 1.5039, 14.2013



Tritanopia

28.1942, -4.1663, -2.5748

Trichromacy



Original Color

28.2896, -14.6283, 14.6015

Protanomaly

28.0979, -8.1519, 14.7183

Deuteranomaly

27.8064, -5.0136, 13.9784

Tritanomaly

28.0143, -8.7041, 5.5355

Monochromacy



Original Color

28.2896, -14.6283, 14.6015

Achromatopsia

25.8120, -1.3773, 1.4024

Achromatomaly

26.4067, -6.6893, 7.4634

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.2896, -14.6283, 14.6015 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(59, 88, 30)` looks like.

```
.text, #text, p{  
    color:rgb(59, 88, 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(59, 88, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 88, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 28.2896, -14.6283, 14.6015 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(59, 88, 30) }
```


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

```
.border{ border-color:rgb(59, 88, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 88, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 88, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 88, 30);  
box-shadow:4px 4px 4px 4px rgb(59, 88, 30)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.2896, -14.6283, 14.6015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 88, 30) }
```

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

```
.background{ background-color: rgb(59, 88,  
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](#).

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