

Converting Colors

HunterLab(28.6995, -13.0072,
14.7787)

Have a look what the booklet for
HunterLab(28.6995, -13.0072,
14.7787) contains.

HunterLab(28.6995, -13.0072, 14.7787)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(28.6995,
-13.0072, 14.7787)**

Conversions

Conversions Part 1

Format	Color
Hex	42581F
RGB	66, 88, 31
RGB Percent	26%, 35%, 12%
CMY	0.7412, 0.6549, 0.8784
CMYK	0.25, 0.00, 0.65, 0.65
HSL	83°, 48%, 23%
HSV	83°, 65%, 35%
XYZ	5.9838, 8.2366, 2.5708
YIQ	74.9240, 5.1850, -22.3910

Conversions

Conversions Part 2

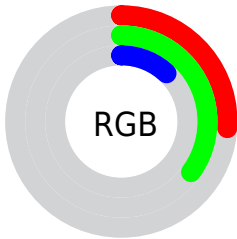
Format	Color
R_{YB}	31, 88, 53
Decimal	4347935
CIE _{Lab}	34.47, -18.64, 29.64
CIE _{LCh}	34, 35.017, 122.164
Yxy	8.2370, 0.3564, 0.4905
Android (android.graphics.Color)	4282538015 (0xFF42581F)
YUV	74.9240, -21.6545, -7.8263
Hunter-Lab	28.6995, -13.0072, 14.7787

Details

The HunterLab color $[28.6995, -13.0072, 14.7787]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[15.6259, 15.1495, -25.1393]$, and the grayscale version is $[26.5725, -1.4178, 1.4437]$.

A 20% lighter version of the original color is $[47.3709, -16.3309, 19.8825]$, and $[13.4735, -8.5125, 8.1533]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.4293, -14.2055, 15.6649]$, and if you desaturate by 10%, it is $[29.0024, -11.6598, 13.5991]$.

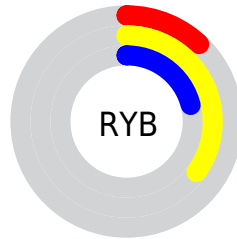
Distribution



Red (26%)

Green (35%)

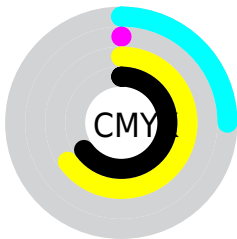
Blue (12%)



Red (12%)

Yellow (35%)

Blue (21%)

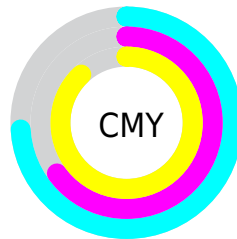


Cyan (25%)

Magenta (0%)

Yellow (65%)

Black (65%)



Cyan (74%)

Magenta (65%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.6995, -13.0072, 14.7787 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 28.6995, -13.0072, 14.7787 by changing the saturation by 10% instead.

■ 28.6995, -13.0072,
14.7787

■ 28.6995, -13.0072,
14.7787

■ 133.2588,
-27.3630, 35.1327

■ 20.6081, -11.1542,
11.9014

■ 47.3516, -16.4304,
19.9362

■ 13.4635, -9.1298,
9.4244

■ 57.7800, -18.0569,
22.3089

■ 7.0359, -11.9208,
4.9251

■ 68.8782, -19.6488,
24.5869

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.6080, -21.2163,
26.7913

0.0000, NaN, NaN

■ 92.9371, -22.7666,
28.9375

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.8376,

-24.3052, 31.0374

0.0000, NaN, NaN

119.2854,
-25.8363, 33.1000

28.6995, -13.0072,
14.7787

28.6995, -13.0072,
14.7787

28.4293, -14.2055,
15.6649

29.0024, -11.6598,
13.5991

28.1887, -15.2558,
16.2729

29.3370, -10.1605,
12.1156

27.9734, -16.1847,
16.6737

29.7045, -8.5114,
10.3230

27.8657, -16.6532,
16.8792

30.1050, -6.7155,
8.2202

30.5387, -4.7775,
5.8095

■ 31.0055, -2.7030,
3.0964

■ 31.5050, -0.4984,
0.0884

■ 32.0369, 1.8290,
-3.2047

■ 32.6006, 4.2718,
-6.7717

Harmonies

Analogous

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



28.7001, -2.4155, 16.1302



28.6995, -13.0072, 14.7787



28.7001, -19.5058, 10.1666

Triad

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



28.7001, -13.0079, 14.7789



28.7001, -11.7073, -26.0894



28.7001, 25.9446, 2.3942

Complementary

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



28.6995, -13.0072, 14.7787



15.6259, 15.1495, -25.1393

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.



28.7001, 22.3588, -10.9669



28.6995, -13.0072, 14.7787



28.7001, -0.6395, -30.9808

Square

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



28.7001, -13.0079, 14.7789



28.7001, -18.8479, -13.0776



28.7001, 12.0872, -24.5538



28.7001, 21.2062, 11.1007

Rectangle

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



28.6995, -13.0072, 14.7787



28.7001, -21.3091, 4.4473



28.7001, 12.0872, -24.5538



28.7001, 25.6717, -1.6574

Sweetspot

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



28.7001, -13.0079, 14.7789



40.0981, -7.5853, 9.2810



21.6944, 7.6044, 9.9580



20.1289, -4.0605, 4.9718



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.



28.7001, -13.0079, 14.7789



37.4032, -19.6146, 21.2243



27.3573, -18.3586, 13.7263



15.4446, -1.7774, 2.1122



34.1850, -20.6688, 20.7028



80.6976, -50.3025, 48.8448

Inverse Universe

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



15.6259, 15.1495, -25.1393



17.0062, 25.7022, -45.3561



18.5731, 22.0391, -17.6434



14.4709, 0.2169, -0.5820



12.4182, 29.8314, -58.3698



28.5951, 69.8647, -143.4956

Previews

White Background



This preview shows how the HunterLab color 28.6995, -13.0072, 14.7787 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

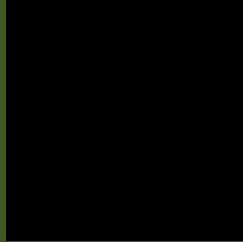
Any Text WCAG AA × Fail

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 28.6995, -13.0072, 14.7787 Background



This preview shows how black text looks on a background with the HunterLab color 28.6995, -13.0072, 14.7787.



This preview shows how white text looks on a background with the HunterLab color 28.6995,

-13.0072, 14.7787.

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

28.6995, -13.0072, 14.7787

Protanopia

28.5433, -3.7949, 15.1073

Deuteranopia

28.5279, 1.4637, 14.2997



Tritanopia

28.5873, -2.7721, -2.0350

Trichromacy



Original Color

28.6995, -13.0072, 14.7787

Protanomaly

28.6072, -7.6451, 14.9481

Deuteranomaly

28.4166, -4.1525, 14.2799

Tritanomaly

28.3903, -7.3094, 5.9449

Monochromacy



Original Color

28.6995, -13.0072, 14.7787

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

27.2595, -6.2505, 7.6882

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.6995, -13.0072, 14.7787 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(66, 88, 31)` looks like.

```
.text, #text, p{  
    color:rgb(66, 88, 31)  
}
```

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(66, 88, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 88, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 28.6995, -13.0072, 14.7787 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(66, 88, 31) }
```


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

```
.border{ border-color:rgb(66, 88, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 88, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 88, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 88, 31);  
box-shadow:4px 4px 4px 4px rgb(66, 88, 31)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.6995, -13.0072, 14.7787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 88, 31) }
```

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

```
.background{ background-color: rgb(66, 88,  
31) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor