

Converting Colors

HunterLab(29.6411, -2.9341,
9.8973)

Have a look what the booklet for
HunterLab(29.6411, -2.9341, 9.8973)
contains.

HunterLab(29.7154, -2.8878, 10.0042)	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(29.7154, -2.8878,
10.0042)**

Conversions

Conversions Part 1

Format	Color
Hex	5A543B
RGB	90, 84, 59
RGB Percent	35%, 33%, 23%
CMY	0.6471, 0.6706, 0.7686
CMYK	0.00, 0.07, 0.34, 0.65
HSL	48°, 21%, 29%
HSV	48°, 34%, 35%
XYZ	8.1762, 8.8300, 5.4111
YIQ	82.9440, 11.6010, -6.5030

Conversions

Conversions Part 2

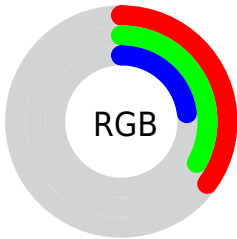
Format	Color
RYB	66, 90, 59
Decimal	5919803
CIELab	35.66, -1.93, 15.53
CIELCh	36, 15.649, 97.095
Yxy	8.8305, 0.3647, 0.3939
Android (android.graphics.Color)	4284109883 (0xFF5A543B)
YUV	82.9440, -11.8044, 6.1881
Hunter-Lab	29.7154, -2.8878, 10.0042

Details

The HunterLab color $29.7154, -2.8878, 10.0042$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $23.3419, 1.5122, -10.1601$, and the grayscale version is $29.4297, -1.5703, 1.5990$.

A 20% lighter version of the original color is $48.4545, -3.8477, 13.1052$, and $14.2265, -1.5870, 6.6955$ is the 20% darker color. If you saturate the color by 10%, you get $29.1170, -2.9583, 11.7451$, and if you desaturate by 10%, it is $30.3410, -2.6946, 7.9617$.

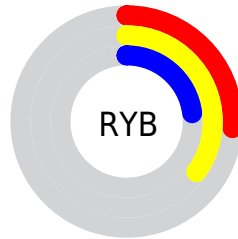
Distribution



 Red (35%)

 Green (33%)

 Blue (23%)



 Red (26%)

 Yellow (35%)

 Blue (23%)

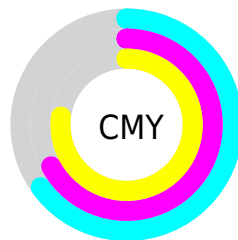


 Cyan (0%)

 Magenta (7%)

 Yellow (34%)

 Black (65%)



 Cyan (65%)

 Magenta (67%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.7154, -2.8878, 10.0042 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 29.7154, -2.8878, 10.0042 by changing the saturation by 10% instead.

■ 29.7154, -2.8878,
10.0042

■ 29.7154, -2.8878,
10.0042

■ 134.9474, -9.3750,
22.9294

■ 21.5192, -2.3158,
8.3748

■ 48.5501, -4.1298,
13.0385

■ 14.2558, -1.7747,
6.6460

■ 59.0600, -4.7962,
14.4913

■ 7.9128, -1.4870,
5.5390

■ 70.2349, -5.4917,
15.9198

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.0373, -6.2154,
17.3326

0.0000, NaN, NaN

■ 94.4354, -6.9665,
18.7360

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.4019, -7.7439,

20.1344

0.0000, NaN, NaN

120.9130, -8.5470,
21.5313

■ 29.7154, -2.8878,
10.0042

■ 29.7154, -2.8878,
10.0042

■ 29.1170, -2.9583,
11.7451

■ 30.3410, -2.6946,
7.9617

■ 28.5438, -2.9027,
13.1801

■ 30.9914, -2.3772,
5.6226

■ 27.9965, -2.7233,
14.3095

■ 31.6671, -1.9389,
2.9950

■ 27.4745, -2.4226,
15.1379

■ 32.3674, -1.3828,
0.0884

■ 26.9773, -2.0058,
15.6750

■ 33.0920, -0.7125,
-3.0867

■ 26.5008, -1.4968,
15.9822

■ 33.8403, 0.0680,
-6.5190

■ 26.2386, -1.2090,
16.1470

■ 34.6115, 0.9544,
-10.1970

■ 35.4050, 1.9424,
-14.1088

■ 36.2202, 3.0273,
-18.2426

Harmonies

Analogous

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



29.7161, 2.6646, 9.5063



29.7154, -2.8878, 10.0042



29.7161, -7.7308, 8.6060

Triad

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



29.7161, -2.8888, 10.0046



29.7161, -9.6000, -5.1509



29.7161, 8.8528, -2.5937

Complementary

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



29.7154, -2.8878, 10.0042



23.3419, 1.5122, -10.1601

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.



29.7161, 5.1001, -7.6320



29.7154, -2.8878, 10.0042



29.7161, -5.6125, -9.2867

Square

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



29.7161, -2.8888, 10.0046



29.7161, -11.4177, 0.3412



29.7161, -0.2628, -10.2691



29.7161, 9.7149, 2.8396

Rectangle

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



29.7154, -2.8878, 10.0042



29.7161, -9.9959, 6.6035



29.7161, -0.2628, -10.2691



29.7161, 7.8749, -4.4173

Sweetspot

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



29.7161, -2.8888, 10.0046



41.3556, -2.9245, 6.0506



23.8446, 8.7304, 2.3347



20.2939, -1.4617, 3.1212



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.



29.7161, -2.8888, 10.0046



38.6770, -3.9071, 15.0815



30.6010, -7.9756, 10.6995



16.1817, -1.1076, 2.1609



32.1617, -1.2676, 19.7957



74.4369, -1.5775, 45.8401

Inverse Universe

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



23.3419, 1.5122, -10.1601



28.4359, 3.3329, -17.7031



22.5964, 6.3869, -11.3447



15.3111, -0.5280, -0.5438



12.8935, 19.9043, -59.0834



28.4043, 52.6028, -149.0572

Previews

White Background



This preview shows how the HunterLab color 29.7154, -2.8878, 10.0042 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 29.7154, -2.8878, 10.0042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

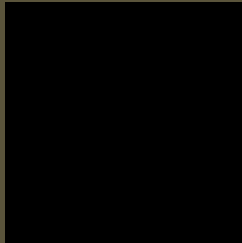
Any Text WCAG AA × Fail

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 29.7154, -2.8878, 10.0042 Background



This preview shows how black text looks on a background with the HunterLab color 29.7154, -2.8878, 10.0042.

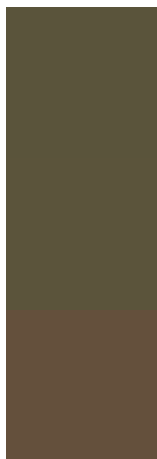


This preview shows how white text looks on a background with the HunterLab color 29.7154, -2.8878,

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

29.7154, -2.8878, 10.0042

Protanopia

29.8003, -2.5895, 10.0852

Deuteranopia

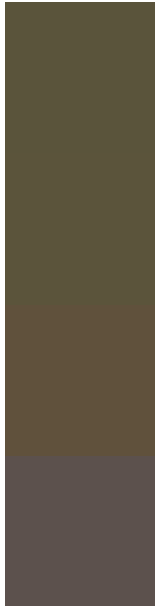
29.6191, 2.0426, 9.7295



Tritanopia

29.5848, 3.1506, 0.2148

Trichromacy



Original Color

29.7154, -2.8878, 10.0042

Protanomaly

29.8003, -2.5895, 10.0852

Deuteranomaly

29.4922, 0.3302, 9.5845

Tritanomaly

29.4890, 1.0298, 4.0723

Monochromacy



Original Color

29.7154, -2.8878, 10.0042

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

29.4268, -1.9564, 5.0452

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.7154, -2.8878, 10.0042 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(90, 84, 59)` looks like.

```
.text, #text, p{  
    color:rgb(90, 84, 59)  
}
```

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(90, 84, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 84, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 29.7154, -2.8878, 10.0042 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(90, 84, 59) }
```


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

```
.border{ border-color:rgb(90, 84, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 84, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 84, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 84, 59);  
box-shadow:4px 4px 4px 4px rgb(90, 84, 59)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.7154, -2.8878, 10.0042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 84, 59) }
```

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

```
.background{ background-color: rgb(90, 84,  
59) }
```

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