

Converting Colors

HunterLab(30.6180, -9.0872,
6.5116)

Have a look what the booklet for
HunterLab(30.6180, -9.0872, 6.5116)
contains.

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Color

**HunterLab(30.5629, -9.0036,
6.4471)**

Conversions

Conversions Part 1

Format	Color
Hex	485B49
RGB	72, 91, 73
RGB Percent	28%, 36%, 29%
CMY	0.7176, 0.6431, 0.7137
CMYK	0.21, 0.00, 0.20, 0.64
HSL	123°, 12%, 32%
HSV	123°, 21%, 36%
XYZ	7.6162, 9.3409, 7.7049
YIQ	83.2670, -5.5460, -9.6260

Conversions

Conversions Part 2

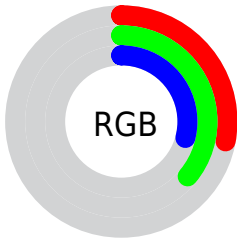
Format	Color
R_{YB}	72, 90, 91
Decimal	4741961
CIE _{Lab}	36.63, -11.30, 8.02
CIE _{LCh}	37, 13.862, 144.639
Yxy	9.3413, 0.3088, 0.3788
Android (android.graphics.Color)	4282932041 (0xFF485B49)
YUV	83.2670, -5.0616, -9.8812
Hunter-Lab	30.5629, -9.0036, 6.4471

Details

The HunterLab color $[30.5629, -9.0036, 6.4471]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[27.5631, 6.6654, -3.7069]$, and the grayscale version is $[29.5279, -1.5755, 1.6043]$.

A 20% lighter version of the original color is $[49.5175, -11.2331, 8.2697]$, and $[14.8740, -6.3596, 4.4205]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.8505, -12.0478, 8.4358]$, and if you desaturate by 10%, it is $[31.3684, -5.6617, 4.2840]$.

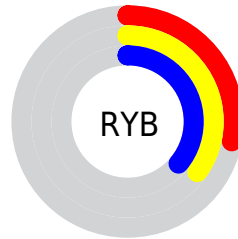
Distribution



Red (28%)

Green (36%)

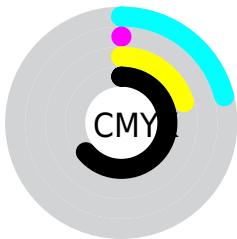
Blue (29%)



Red (28%)

Yellow (35%)

Blue (36%)

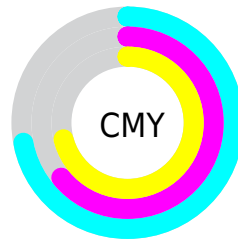


Cyan (21%)

Magenta (0%)

Yellow (20%)

Black (64%)



Cyan (72%)

Magenta (64%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.5629, -9.0036, 6.4471 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 30.5629, -9.0036, 6.4471 by changing the saturation by 10% instead.

■ 30.5629, -9.0036,
6.4471

■ 30.5629, -9.0036,
6.4471

136.3466,
-19.8099, 15.7579

■ 22.2811, -7.7462,
5.4270

■ 49.5469, -11.4276,
8.4587

■ 14.9212, -6.4232,
4.3730

■ 60.1237, -12.6190,
9.4670

■ 8.5694, -6.2061,
4.3470

■ 71.3614, -13.8067,
10.4836

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 83.2234, -14.9953,
11.5109

0.0000, NaN, NaN

■ 95.6782, -16.1878,
12.5510

0.0000, NaN, NaN

108.6990,

0.0000, NaN, NaN

-17.3867, 13.6050

0.0000, NaN, NaN

122.2621,
-18.5936, 14.6737

■ 30.5629, -9.0036,
6.4471

■ 30.5629, -9.0036,
6.4471

■ 29.8505, -12.0478,
8.4358

■ 31.3684, -5.6617,
4.2840

■ 29.2309, -14.7603,
10.2275

■ 32.2624, -2.0549,
1.9679

■ 28.7053, -17.1145,
11.8038

■ 33.2422, 1.7812,
-0.4785

■ 28.2732, -19.0906,
13.1500

■ 34.3040, 5.8125,
-3.0338

■ 27.9320, -20.6788,
14.2572

■ 35.4439, 10.0076,
-5.6782

■ 27.6777, -21.8811,
15.1234

■ 36.6575, 14.3379,
-8.3944

■ 27.5032, -22.7179,
15.7539

■ 37.9407, 18.7781,
-11.1671

■ 27.3734, -23.3358,
16.1609

■ 39.2892, 23.3067,
-13.9832

■ 40.6990, 27.9054,
-16.8321

Harmonies

Analogous

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



30.5635, -5.4950, 8.7940



30.5629, -9.0036, 6.4471



30.5635, -10.5319, 2.4964

Triad

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



30.5635, -9.0042, 6.4475



30.5635, -2.5154, -8.7773



30.5635, 7.4960, 5.1983

Complementary

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



30.5629, -9.0036, 6.4471



27.5631, 6.6654, -3.7069

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.



30.5635, 8.4185, 0.8068



30.5629, -9.0036, 6.4471



30.5635, 2.4321, -7.7490

Square

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



30.5635, -9.0042, 6.4475



30.5635, -6.9410, -6.6670



30.5635, 6.5119, -4.0453



30.5635, 4.0652, 8.1571

Rectangle

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



30.5629, -9.0036, 6.4471



30.5635, -10.2960, -0.7109



30.5635, 6.5119, -4.0453



30.5635, 8.1185, 3.8618

Sweetspot

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



30.5635, -9.0042, 6.4475



41.5500, -5.2289, 4.2026



31.8224, -4.4629, 8.1078



20.4084, -2.6481, 2.1159



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.



30.5635, -9.0042, 6.4475



39.4919, -13.7714, 9.7323



30.7837, -7.7499, 3.2843



16.0872, -2.5225, 1.9498



33.3003, -28.4194, 19.7269



77.8993, -66.6715, 46.5573

Inverse Universe

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



27.5631, 6.6654, -3.7069



34.6891, 11.3462, -6.5400



27.2881, 5.2331, 0.1836



15.4289, 0.9085, -0.2745



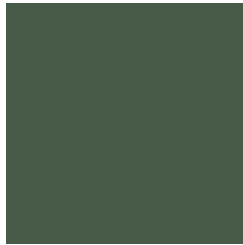
20.7113, 40.2824, -23.9314



48.4236, 94.1154, -55.4416

Previews

White Background



This preview shows how the HunterLab color 30.5629, -9.0036, 6.4471 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 30.5629, -9.0036, 6.4471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

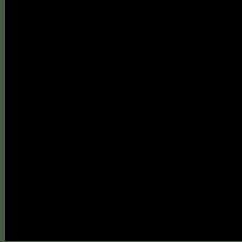
Any Text WCAG AA × Fail

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 30.5629, -9.0036, 6.4471 Background



This preview shows how black text looks on a background with the HunterLab color 30.5629, -9.0036, 6.4471.



This preview shows how white text looks on a background with the HunterLab color 30.5629, -9.0036, 6.4471.

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

30.5629, -9.0036, 6.4471

Protanopia

30.5318, -2.2887, 7.5214

Deuteranopia

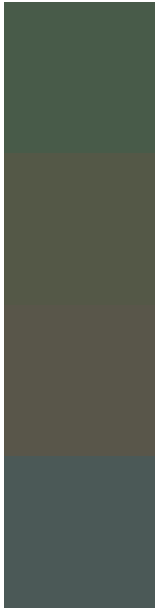
30.4814, 1.7056, 5.8645



Tritanopia

30.5650, -3.6396, -2.2310

Trichromacy



Original Color

30.5629, -9.0036, 6.4471

Protanomaly

30.5274, -4.9892, 7.1456

Deuteranomaly

30.4530, -2.3936, 6.1097

Tritanomaly

30.5430, -5.5607, 1.2196

Monochromacy



Original Color

30.5629, -9.0036, 6.4471

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

29.8033, -4.4600, 3.5709

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.5629, -9.0036, 6.4471 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(72, 91, 73)` looks like.

```
.text, #text, p{  
    color:rgb(72, 91, 73)  
}
```

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(72, 91, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 91, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 30.5629, -9.0036, 6.4471 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(72, 91, 73) }
```


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

```
.border{ border-color:rgb(72, 91, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 91, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 91, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 91, 73);  
box-shadow:4px 4px 4px 4px rgb(72, 91, 73)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.5629, -9.0036, 6.4471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 91, 73) }
```

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

```
.background{ background-color: rgb(72, 91,  
73) }
```

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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