

Converting Colors

HunterLab(31.3686, -12.5733,
13.1893)

Have a look what the booklet for
HunterLab(31.3686, -12.5733,
13.1893) contains.

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Color

**HunterLab(31.3686,
-12.5733, 13.1893)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 495F33 |
| RGB | 73, 95, 51 |
| RGB Percent | 29%, 37%, 20% |
| CMY | 0.7137, 0.6274, 0.8000 |
| CMYK | 0.23, 0.00, 0.46, 0.63 |
| HSL | 90°, 30%, 29% |
| HSV | 90°, 46%, 37% |
| XYZ | 7.4374, 9.8399, 4.6393 |
| YIQ | 83.4060, 1.0120, -18.3480 |

Conversions

Conversions Part 2

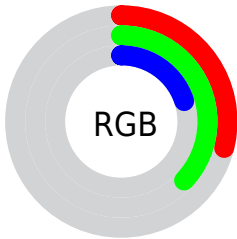
| Format | Color |
|-------------------------------------|-------------------------------|
| R_YB | 51, 95, 73 |
| Decimal | 4808499 |
| CIE Lab | 37.55, -16.97, 22.48 |
| CIE LCh | 38, 28.169, 127.057 |
| Yxy | 9.8403, 0.3393, 0.4490 |
| Android (android.graphics.Color) | 4282998579 (0xFF495F33) |
| YUV | 83.4060, -15.9762, -9.1261 |
| Hunter-Lab | 31.3686, -12.5733, 13.1893 |

Details

The HunterLab color $[31.3686, -12.5733, 13.1893]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[21.4724, 12.2803, -16.4496]$, and the grayscale version is $[29.6153, -1.5802, 1.6091]$.

A 20% lighter version of the original color is $[50.6464, -15.8450, 17.4033]$, and $[15.6737, -9.0927, 8.8471]$ is the 20% darker color. If you saturate the color by 10%, you get $[30.9619, -14.3876, 14.7211]$, and if you desaturate by 10%, it is $[31.8207, -10.5696, 11.3273]$.

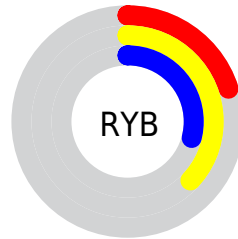
Distribution



Red (29%)

Green (37%)

Blue (20%)



Red (20%)

Yellow (37%)

Blue (29%)

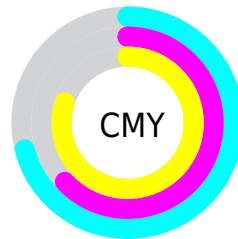


Cyan (23%)

Magenta (0%)

Yellow (46%)

Black (63%)



Cyan (71%)

Magenta (63%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.3686, -12.5733, 13.1893 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 31.3686, -12.5733, 13.1893 by changing the saturation by 10% instead.

■ 31.3686, -12.5733,
13.1893

■ 31.3686, -12.5733,
13.1893

137.6694,
-26.0530, 29.5768

■ 23.0070, -10.8884,
10.9964

■ 50.4923, -15.7328,
17.1913

■ 15.5573, -9.0763,
8.8155

■ 61.1317, -17.2498,
19.0693

■ 9.1450, -8.5767,
6.4015

■ 72.4284, -18.7423,
20.8936

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.3462, -20.2181,
22.6776

0.0000, NaN, NaN

■ 96.8542, -21.6833,
24.4312

0.0000, NaN, NaN

■ 109.9259,

0.0000, NaN, NaN

-23.1420, 26.1620

0.0000, NaN, NaN

123.5378,
-24.5977, 27.8757

■ 31.3686, -12.5733,
13.1893

■ 31.3686, -12.5733,
13.1893

■ 30.9619, -14.3876,
14.7211

■ 31.8207, -10.5696,
11.3273

■ 30.5980, -16.0063,
15.9261

■ 32.3163, -8.3808,
9.1351

■ 30.2768, -17.4288,
16.8148

■ 32.8558, -6.0159,
6.6182

■ 29.9968, -18.6576,
17.4046

■ 33.4388, -3.4847,
3.7852

■ 29.7517, -19.7262,
17.7872

■ 34.0646, -0.7976,
0.6472

■ 29.6666, -20.1007,
17.9285

■ 34.7324, 2.0340,
-2.7822

■ 35.4412, 4.9988,
-6.4883

■ 36.1898, 8.0854,
-10.4553

■ 36.9770, 11.2826,
-14.6669

Harmonies

Analogous

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



31.3693, -4.0334, 15.0942



31.3686, -12.5733, 13.1893



31.3693, -17.6768, 8.1072

Triad

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



31.3693, -12.5740, 13.1896



31.3693, -8.9148, -20.6042



31.3693, 20.0964, 3.9002

Complementary

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



31.3686, -12.5733, 13.1893



21.4724, 12.2803, -16.4496

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.



31.3693, 18.3583, -6.4106



31.3686, -12.5733, 13.1893



31.3693, 0.7542, -22.8168

Square

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



31.3693, -12.5740, 13.1896



31.3693, -15.7589, -11.6402



31.3693, 10.9498, -16.9764



31.3693, 15.4362, 10.9488

Rectangle

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



31.3686, -12.5733, 13.1893



31.3693, -18.8581, 2.6443



31.3693, 10.9498, -16.9764



31.3693, 20.2497, 0.7409

Sweetspot

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



31.3693, -12.5740, 13.1896



43.1381, -7.2596, 7.9879



27.2715, 2.6721, 10.0420



21.0637, -3.7842, 4.1635



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.3693, -12.5740, 13.1896



40.4516, -19.1284, 19.5018



30.2121, -17.0951, 12.1706



17.0624, -2.1296, 2.3309



35.3214, -24.1507, 21.3421



81.3175, -57.1458, 49.1070

Inverse Universe

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



21.4724, 12.2803, -16.4496



24.7409, 20.8216, -28.8263



23.7214, 18.4538, -12.1213



16.0334, 0.4069, -0.6346



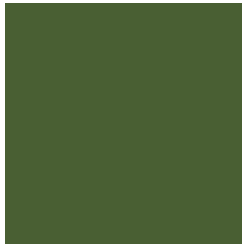
14.2059, 32.5942, -54.8979



32.0258, 74.4333, -131.1498

Previews

White Background



This preview shows how the HunterLab color 31.3686, -12.5733, 13.1893 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

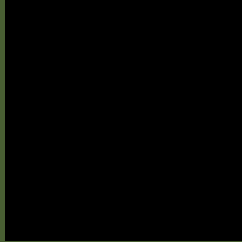
Any Text WCAG AA × Fail

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 31.3686, -12.5733, 13.1893 Background



This preview shows how black text looks on a background with the HunterLab color 31.3686, -12.5733, 13.1893.



This preview shows how white text looks on a background with the HunterLab color 31.3686,

-12.5733, 13.1893.

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

31.3686, -12.5733, 13.1893

Protanopia

31.2131, -3.3037, 13.6560

Deuteranopia

31.1974, 2.0462, 12.6268



Tritanopia

31.4339, -3.2086, -2.0181

Trichromacy



Original Color

31.3686, -12.5733, 13.1893

Protanomaly

31.2844, -7.1547, 13.4331

Deuteranomaly

31.0956, -3.6058, 12.6758

Tritanomaly

31.3229, -7.3126, 4.8073

Monochromacy



Original Color

31.3686, -12.5733, 13.1893

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

29.8891, -5.9031, 6.4891

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.3686, -12.5733, 13.1893 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(73, 95, 51)` looks like.

```
.text, #text, p{  
    color:rgb(73, 95, 51)  
}
```

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(73, 95, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 95, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 31.3686, -12.5733, 13.1893 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(73, 95, 51) }
```


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

```
.border{ border-color:rgb(73, 95, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 95, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 95, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 95, 51);  
box-shadow:4px 4px 4px 4px rgb(73, 95, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.3686, -12.5733, 13.1893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 95, 51) }
```

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

```
.background{ background-color: rgb(73, 95,  
51) }
```

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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