

Converting Colors

HunterLab(50.4004, -0.5963,
27.9553)

Have a look what the booklet for
HunterLab(50.4004, -0.5963,
27.9553) contains.

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Color

**HunterLab(50.3532, -0.4012,
27.9769)**

Conversions

Conversions Part 1

Format	Color
Hex	A6862E
RGB	166, 134, 46
RGB Percent	65%, 53%, 18%
CMY	0.3490, 0.4745, 0.8196
CMYK	0.00, 0.19, 0.72, 0.35
HSL	44°, 57%, 42%
HSV	44°, 72%, 65%
XYZ	24.7441, 25.3544, 6.1745
YIQ	133.5360, 47.3200, -20.5840

Conversions

Conversions Part 2

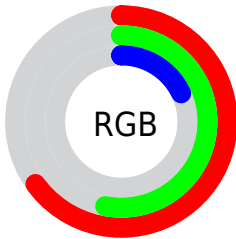
Format	Color
RYB	90, 166, 46
Decimal	10913326
CIELab	57.42, 2.80, 49.75
CIELCh	57, 49.825, 86.781
Yxy	25.3557, 0.4397, 0.4506
Android (android.graphics.Color)	4289103406 (0xFFA6862E)
YUV	133.5360, -43.1552, 28.4709
Hunter-Lab	50.3532, -0.4012, 27.9769

Details

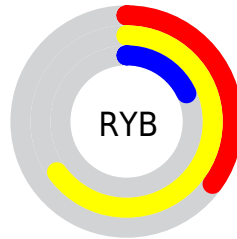
The HunterLab color $50.3532, -0.4012, 27.9769$ is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be $29.6352, 12.7913, -53.6911$, and the grayscale version is $48.7954, -2.6036, 2.6511$.

A 20% lighter version of the original color is $72.2849, -1.3780, 35.2413$, and $31.3241, 0.3379, 19.3077$ is the 20% darker color. If you saturate the color by 10%, you get $49.0418, 1.0913, 28.8014$, and if you desaturate by 10%, it is $51.7322, -1.6394, 26.5253$.

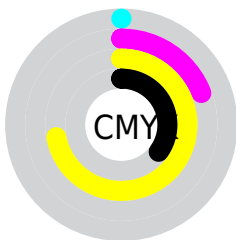
Distribution



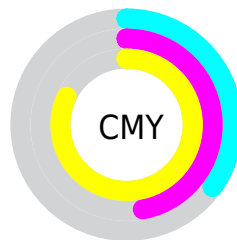
- Red (65%)
- Green (53%)
- Blue (18%)



- Red (35%)
- Yellow (65%)
- Blue (18%)



- Cyan (0%)
- Magenta (19%)
- Yellow (72%)
- Black (35%)



- Cyan (35%)
- Magenta (47%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.3532, -0.4012, 27.9769 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 50.3532, -0.4012, 27.9769 by changing the saturation by 10% instead.

■ 50.3532, -0.4012,
27.9769

■ 50.3532, -0.4012,
27.9769

■ 167.2138, -5.5370,
56.7779

■ 40.4255, -0.0315,
24.0721

■ 72.2729, -1.2863,
35.1871

■ 31.2517, 0.2873,
19.9138

■ 84.1825, -1.7900,
38.5578

■ 22.9009, 0.5456,
16.0306

■ 96.6829, -2.3314,
41.8063

■ 15.4643, 0.7327,
10.8250

■ 109.7471, -2.9083,
44.9518

■ 9.0635, 0.8615,
6.3445

■ 123.3520, -3.5188,
48.0102

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 137.4767, -4.1614,

50.9939

0.0000, NaN, NaN

152.1029, -4.8345,
53.9136

0.0000, NaN, NaN

■ 50.3532, -0.4012,
27.9769

■ 50.3532, -0.4012,
27.9769

■ 49.0418, 1.0913,
28.8014

■ 51.7322, -1.6394,
26.5253

■ 47.7926, 2.8259,
29.0349

■ 53.1755, -2.6065,
24.4300

■ 46.8636, 4.2735,
28.9519

■ 54.6839, -3.3008,
21.6914

■ 56.2564, -3.7231,
18.3199

■ 57.8915, -3.8775,
14.3331

■ 59.5873, -3.7708,
9.7541

■ 61.3420, -3.4116,
4.6088

■ 63.1534, -2.8097,
-1.0748

■ 65.0194, -1.9758,
-7.2678

Harmonies

Analogous

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



50.3544, 21.3782, 25.4397



50.3532, -0.4012, 27.9769



50.3544, -19.6116, 26.3778

Triad

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



50.3544, -0.4034, 27.9773



50.3544, -33.8865, -17.8032



50.3544, 35.7090, -23.1486

Complementary

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



50.3532, -0.4012, 27.9769



29.6352, 12.7913, -53.6911

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.



50.3544, 16.8122, -44.9783



50.3532, -0.4012, 27.9769



50.3544, -22.9437, -41.1058

Square

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



50.3544, -0.4034, 27.9773



50.3544, -36.9759, 4.8492



50.3544, -4.9355, -52.6173



50.3544, 44.2628, 0.5374

Rectangle

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



50.3532, -0.4012, 27.9769



50.3544, -28.8502, 22.5782



50.3544, -4.9355, -52.6173



50.3544, 30.2188, -31.2663

Sweetspot

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



50.3544, -0.4034, 27.9773



77.9635, -5.2234, 19.3794



32.5749, 42.0563, 7.6893



36.6075, -2.4611, 9.8613



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



50.3544, -0.4034, 27.9773



64.9938, 2.9138, 39.0875



57.3348, -23.7160, 32.2411



29.0350, -1.7822, 3.9963



41.3644, 3.5895, 25.5514



7.0249, -0.4281, 4.3212

Inverse Universe

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



29.6352, 12.7913, -53.6911



32.8025, 28.2069, -97.6389



24.8259, 33.3745, -70.2763



27.5932, -1.1392, -1.1057



19.0124, 23.7854, -75.1096



4.1234, 0.9615, -7.2294

Previews

White Background



This preview shows how the HunterLab color 50.3532, -0.4012, 27.9769 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 50.3532, -0.4012, 27.9769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

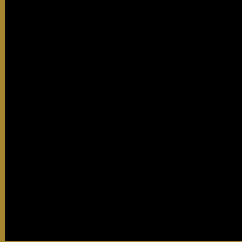
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 50.3532, -0.4012, 27.9769 Background



This preview shows how black text looks on a background with the HunterLab color 50.3532, -0.4012, 27.9769.



This preview shows how white text looks on a background with the HunterLab color 50.3532, -0.4012,

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

50.3532, -0.4012, 27.9769

Protanopia

50.2516, -6.4971, 27.6780

Deuteranopia

50.3210, 3.6799, 27.9034



Tritanopia

50.1868, 14.3220, 4.0963

Trichromacy



Original Color

50.3532, -0.4012, 27.9769

Protanomaly

50.3643, -4.6393, 27.7871

Deuteranomaly

50.2532, 2.0718, 27.8291

Tritanomaly

49.9636, 8.1124, 15.7022

Monochromacy



Original Color

50.3532, -0.4012, 27.9769

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

49.1126, -3.1624, 15.0323

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.3532, -0.4012, 27.9769 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(166, 134, 46)` looks like.

```
.text, #text, p{  
    color:rgb(166, 134, 46)  
}
```

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(166, 134, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 134, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 50.3532, -0.4012, 27.9769 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(166, 134, 46) }
```


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

```
.border{ border-color:rgb(166, 134, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 134, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 134, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 134, 46);  
box-shadow:4px 4px 4px 4px rgb(166, 134,  
46) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.3532, -0.4012, 27.9769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 134, 46) }
```

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

```
.background{ background-color: rgb(166,  
134, 46) }
```

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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