

Converting Colors

HunterLab(54.6962, -1.8945,
30.0462)

Have a look what the booklet for
HunterLab(54.6962, -1.8945,
30.0462) contains.

HunterLab(54.8132, -2.0510, 30.0965)	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(54.8132, -2.0510,
30.0965)**

Conversions

Conversions Part 1

Format	Color
Hex	B09235
RGB	176, 146, 53
RGB Percent	69%, 57%, 21%
CMY	0.3098, 0.4274, 0.7921
CMYK	0.00, 0.17, 0.70, 0.31
HSL	45°, 54%, 45%
HSV	45°, 70%, 69%
XYZ	28.8259, 30.0449, 7.6481
YIQ	144.3680, 47.7330, -22.5630

Conversions

Conversions Part 2

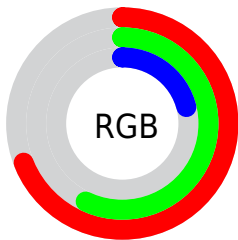
Format	Color
R_{YB}	93, 176, 53
Decimal	11571765
CIE _{Lab}	61.69, 1.05, 51.43
CIE _{LCh}	62, 51.444, 88.835
Yxy	30.0463, 0.4333, 0.4517
Android (android.graphics.Color)	4289761845 (0xFFB09235)
YUV	144.3680, -45.0444, 27.7413
Hunter-Lab	54.8132, -2.0510, 30.0965

Details

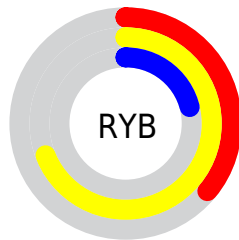
The HunterLab color **54.8132, -2.0510, 30.0965** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **31.7453, 14.1571, -56.9038**, and the grayscale version is **53.1205, -2.8344, 2.8861**.

A 20% lighter version of the original color is **77.3440, -3.4899, 37.3529**, and **35.1551, -0.9540, 21.6457** is the 20% darker color. If you saturate the color by 10%, you get **53.4924, -0.6984, 31.1522**, and if you desaturate by 10%, it is **56.2027, -3.1293, 28.3586**.

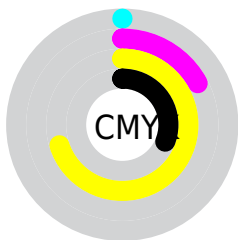
Distribution



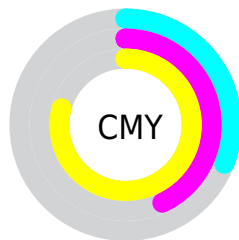
- Red (69%)
- Green (57%)
- Blue (21%)



- Red (36%)
- Yellow (69%)
- Blue (21%)



- Cyan (0%)
- Magenta (17%)
- Yellow (70%)
- Black (31%)



- Cyan (31%)
- Magenta (43%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.8132, -2.0510, 30.0965 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 54.8132, -2.0510, 30.0965 by changing the saturation by 10% instead.

■ 54.8132, -2.0510,
30.0965

■ 54.8132, -2.0510,
30.0965

■ 173.8161, -8.0013,
59.3235

■ 44.5800, -1.5645,
26.1701

■ 77.2887, -3.1482,
37.3776

■ 35.0761, -1.1192,
22.0026

■ 89.4543, -3.7493,
40.7927

■ 26.3640, -0.7217,
17.9497

■ 102.1987, -4.3835,
44.0892

■ 18.5236, -0.3783,
12.9665

■ 115.4967, -5.0492,
47.2852

■ 11.6653, -0.0981,
8.1657

■ 129.3261, -5.7450,
50.3955

■ 4.3308, 0.8214,
3.0315

■ 143.6673, -6.4696,

0.0000, NaN, NaN

53.4323

0.0000, NaN, NaN

158.5026, -7.2221,
56.4054

0.0000, NaN, NaN

■ 54.8132, -2.0510,
30.0965

■ 54.8132, -2.0510,
30.0965

■ 53.4924, -0.6984,
31.1522

■ 56.2027, -3.1293,
28.3586

■ 52.2343, 0.9168,
31.5626

■ 57.6576, -3.9161,
25.9206

■ 51.0302, 2.7299,
31.4856

■ 59.1792, -4.4094,
22.7815

■ 51.0164, 2.7511,
31.4843

■ 60.7668, -4.6097,
18.9508

■ 62.4190, -4.5213,
14.4461

■ 64.1343, -4.1507,
9.2902

■ 65.9109, -3.5068,
3.5098

■ 67.7470, -2.5997,
-2.8660

■ 69.6404, -1.4405,
-9.8069

Harmonies

Analogous

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



54.8145, 21.0613, 27.6609



54.8132, -2.0510, 30.0965



54.8145, -22.1036, 28.0303

Triad

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



54.8145, -2.0533, 30.0970



54.8145, -35.6458, -20.5450



54.8145, 38.7758, -22.5856

Complementary

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



54.8132, -2.0510, 30.0965



31.7453, 14.1571, -56.9038

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.



54.8145, 19.3107, -46.0929



54.8132, -2.0510, 30.0965



54.8145, -23.3903, -44.6206

Square

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



54.8145, -2.0533, 30.0970



54.8145, -39.5323, 3.8064



54.8145, -3.7966, -55.4301



54.8145, 46.8384, 2.1480

Rectangle

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



54.8132, -2.0510, 30.0965



54.8145, -31.6040, 23.6072



54.8145, -3.7966, -55.4301



54.8145, 33.2107, -31.2071

Sweetspot

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



54.8145, -2.0533, 30.0970



83.7262, -6.1308, 20.4109



35.2317, 43.5655, 8.4429



38.6964, -2.8794, 10.2844



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



54.8145, -2.0533, 30.0970



71.0831, 0.2336, 42.3645



61.1146, -25.4939, 33.9443



30.9007, -1.9831, 4.3230



43.8080, 2.1649, 27.0322



8.2971, -0.5144, 5.1036

Inverse Universe

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



31.7453, 14.1571, -56.9038



35.1745, 30.3744, -103.3628



27.4853, 34.6627, -71.0597



29.2500, -1.1177, -1.2652



19.0854, 26.6551, -81.3957



4.5537, 1.7685, -9.5094

Previews

White Background



This preview shows how the HunterLab color 54.8132, -2.0510, 30.0965 looks on a white background.

Color Contrast Check

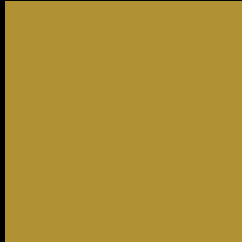
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.8132, -2.0510, 30.0965 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 ✓ Pass

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

HunterLab 54.8132, -2.0510, 30.0965 Background



This preview shows how black text looks on a background with the HunterLab color 54.8132, -2.0510, 30.0965.



This preview shows how white text looks on a background with the HunterLab color 54.8132, -2.0510,

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

54.8132, -2.0510, 30.0965

Protanopia

54.7510, -6.6485, 29.8416

Deuteranopia

54.8192, 3.6676, 30.0689



Tritanopia

54.8317, 13.8840, 4.1819

Trichromacy



Original Color

54.8132, -2.0510, 30.0965

Protanomaly

54.7651, -5.1198, 29.8780

Deuteranomaly

54.6410, 1.6621, 29.9116

Tritanomaly

54.4534, 6.9193, 16.6646

Monochromacy



Original Color

54.8132, -2.0510, 30.0965

Achromatopsia

52.8104, -2.8178, 2.8693

Achromatomaly

53.3539, -4.0258, 16.0938

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 54.8132, -2.0510, 30.0965 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(176, 146, 53)` looks like.

```
.text, #text, p{  
    color:rgb(176, 146, 53)  
}
```

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(176, 146, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 146, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 54.8132, -2.0510, 30.0965 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(176, 146, 53) }
```


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

```
.border{ border-color:rgb(176, 146, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 146, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 146, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 146, 53);  
box-shadow:4px 4px 4px 4px rgb(176, 146,  
53) }
```

Background

The CSS property to change the background color of an element to HunterLab 54.8132, -2.0510, 30.0965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 146, 53) }
```

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

```
.background{ background-color: rgb(176,  
146, 53) }
```

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