

Converting Colors

HunterLab(38.4430, -30.5168,
22.5133)

Have a look what the booklet for
HunterLab(38.4430, -30.5168,
22.5133) contains.

HunterLab(38.4322, -30.4989, 22.5069)	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(38.4322,
-30.4989, 22.5069)**

Conversions

Conversions Part 1

Format	Color
Hex	217C0E
RGB	33, 124, 14
RGB Percent	13%, 49%, 5%
CMY	0.8706, 0.5137, 0.9451
CMYK	0.73, 0.00, 0.89, 0.51
HSL	110°, 80%, 27%
HSV	110°, 89%, 49%
XYZ	7.9141, 14.7703, 2.8493
YIQ	84.2510, -18.9260, -53.5020

Conversions

Conversions Part 2

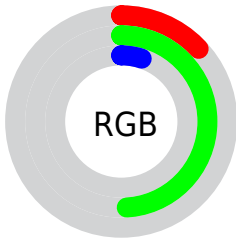
Format	Color
R_{YB}	14, 124, 105
Decimal	2194446
CIE Lab	45.32, -45.97, 46.34
CIE LCh	45, 65.273, 134.767
Yxy	14.7710, 0.3099, 0.5785
Android (android.graphics.Color)	4280384526 (0xFF217C0E)
YUV	84.2510, -34.6337, -44.9471
Hunter-Lab	38.4322, -30.4989, 22.5069

Details

The HunterLab color $[38.4322, -30.4989, 22.5069]$ is a dark color, and the websafe version is hex 006600 . A complement of this color would be $[21.8478, 40.3795, -37.5811]$, and the grayscale version is $[29.9947, -1.6004, 1.6297]$.

A 20% lighter version of the original color is $[58.8304, -37.5974, 29.7532]$, and $[22.1304, -18.9768, 13.3044]$ is the 20% darker color. If you saturate the color by 10%, you get $[38.2080, -31.5257, 22.9202]$, and if you desaturate by 10%, it is $[38.7447, -29.0755, 21.8331]$.

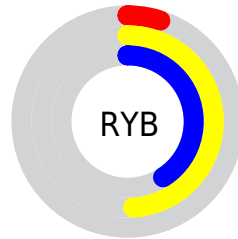
Distribution



Red (13%)

Green (49%)

Blue (5%)



Red (5%)

Yellow (49%)

Blue (41%)

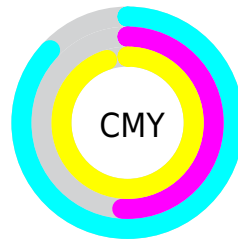


Cyan (73%)

Magenta (0%)

Yellow (89%)

Black (51%)



Cyan (87%)

Magenta (51%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.4322, -30.4989, 22.5069 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 38.4322, -30.4989, 22.5069 by changing the saturation by 10% instead.

■ 38.4322, -30.4989,
22.5069

■ 38.4322, -30.4989,
22.5069

148.9885,
-57.7225, 50.7988

■ 29.4258, -26.6751,
18.5462

■ 58.6949, -37.3993,
29.7172

■ 21.2587, -22.4743,
14.8811

■ 69.8480, -40.5877,
33.0488

■ 14.0289, -18.3188,
9.8202

■ 81.6298, -43.6494,
36.2410

■ 7.6735, -13.4287,
5.3715

■ 94.0083, -46.6082,
39.3177

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.9561,
-49.4822, 42.2981


0.0000, NaN, NaN


■ 120.4492,


0.0000, NaN, NaN


-52.2855, 45.1972


0.0000, NaN, NaN


 134.4663,
-55.0293, 48.0274


 38.4322, -30.4989,
22.5069


 38.4322, -30.4989,
22.5069


 38.2080, -31.5257,
22.9202


 38.7447, -29.0755,
21.8331

 38.1836, -31.6388,
22.9747

 39.1562, -27.1921,
20.7708

 39.6727, -24.8394,
19.2949

 40.2975, -22.0213,
17.3951

 41.0320, -18.7532,
15.0736

■ 41.8764, -15.0598,
12.3431

■ 42.8295, -10.9725,
9.2239

■ 43.8891, -6.5272,
5.7422

■ 45.0523, -1.7619,
1.9278

Harmonies

Analogous

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



38.4330, -13.6072, 25.2793



38.4322, -30.4989, 22.5069



38.4330, -38.4399, 12.3138

Triad

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



38.4330, -30.4995, 22.5070



38.4330, -13.9401, -73.9074



38.4330, 56.7041, 12.0587

Complementary

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



38.4322, -30.4989, 22.5069



21.8478, 40.3795, -37.5811

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.



38.4330, 56.5480, -12.0473



38.4322, -30.4989, 22.5069



38.4330, 11.0519, -74.1542

Square

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



38.4330, -30.4995, 22.5070



38.4330, -30.6889, -46.3808



38.4330, 38.2273, -46.9267



38.4330, 38.6110, 22.4231

Rectangle

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



38.4322, -30.4989, 22.5069



38.4330, -39.3187, -1.9262



38.4330, 38.2273, -46.9267



38.4330, 58.9093, 5.7183

Sweetspot

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



38.4330, -30.4995, 22.5070



55.6783, -19.4242, 15.9571



37.6626, -2.7531, 22.5049



26.8618, -10.1152, 8.2611



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



38.4330, -30.4995, 22.5070



50.6071, -42.1603, 30.4458



38.3793, -30.2347, 18.6586



21.1664, -3.2286, 2.8335



38.4972, -31.9045, 23.1633



83.9228, -70.3514, 50.4812

Inverse Universe

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



21.8478, 40.3795, -37.5811



27.4591, 56.3503, -54.5493



23.0730, 39.1514, -9.4800



20.1102, 1.1090, -0.6884



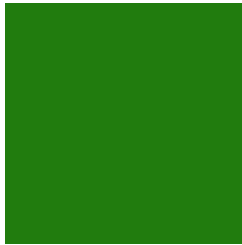
20.9406, 42.9259, -41.2314



45.3776, 93.2614, -91.2262

Previews

White Background



This preview shows how the HunterLab color 38.4322, -30.4989, 22.5069 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 × Fail

Black Background



This preview shows how the HunterLab color 38.4322, -30.4989, 22.5069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

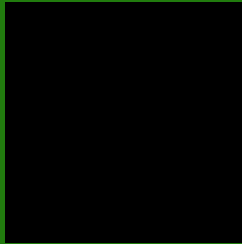
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 38.4322, -30.4989, 22.5069 Background



This preview shows how black text looks on a background with the HunterLab color 38.4322, -30.4989, 22.5069.



This preview shows how white text looks on a background with the HunterLab color 38.4322, -30.4989, 22.5069.

-30.4989, 22.5069.

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

38.4322, -30.4989, 22.5069

Protanopia

38.1101, -5.6077, 23.0724

Deuteranopia

38.0321, 2.4696, 21.6663



Tritanopia

38.3442, -12.6557, -6.5946

Trichromacy



Original Color

38.4322, -30.4989, 22.5069

Protanomaly

37.2919, -17.4699, 22.2167

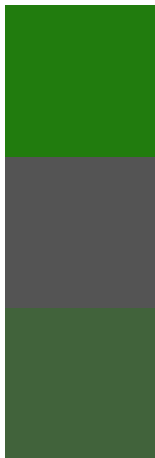
Deuteranomaly

36.8030, -13.1718, 21.0551

Tritanomaly

37.8032, -21.6123, 9.4366

Monochromacy



Original Color

38.4322, -30.4989, 22.5069

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

32.1920, -15.1310, 11.9511

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.4322, -30.4989, 22.5069 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(33, 124, 14)` looks like.

```
.text, #text, p{  
    color:rgb(33, 124, 14)  
}
```

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(33, 124, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 124, 14) }
```

Border

The CSS property to change the border of an element to HunterLab 38.4322, -30.4989, 22.5069 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(33, 124, 14) }
```


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

```
.border{ border-color:rgb(33, 124, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 124, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 124, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 124, 14);  
box-shadow:4px 4px 4px 4px rgb(33, 124,  
14) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.4322, -30.4989, 22.5069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 124, 14) }
```

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

```
.background{ background-color: rgb(33, 124,  
14) }
```

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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