

Converting Colors

HunterLab(48.4548, -38.7905,
27.6538)

Have a look what the booklet for
HunterLab(48.4548, -38.7905,
27.6538) contains.

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Color

**HunterLab(48.5780,
-38.8859, 27.7536)**

Conversions

Conversions Part 1

Format	Color
Hex	259A1E
RGB	37, 154, 30
RGB Percent	15%, 60%, 12%
CMY	0.8549, 0.3961, 0.8823
CMYK	0.76, 0.00, 0.81, 0.40
HSL	117°, 67%, 36%
HSV	117°, 81%, 60%
XYZ	12.5529, 23.5982, 5.1216
YIQ	104.8810, -29.9280, -63.3680

Conversions

Conversions Part 2

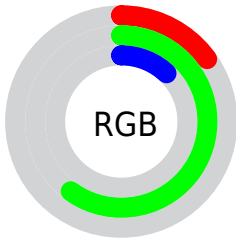
Format	Color
R_{YB}	30, 154, 147
Decimal	2464286
CIE _{Lab}	55.68, -54.35, 51.40
CIE _{LCh}	56, 74.804, 136.602
Yxy	23.5992, 0.3041, 0.5718
Android (android.graphics.Color)	4280654366 (0xFF259A1E)
YUV	104.8810, -36.9163, -59.5316
Hunter-Lab	48.5780, -38.8859, 27.7536

Details

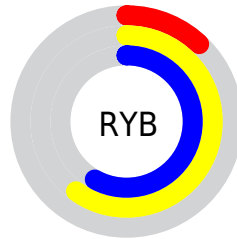
The HunterLab color $48.5780, -38.8859, 27.7536$ is a dark color, and the websafe version is hex 339900 . A complement of this color would be $30.7666, 52.5131, -39.0394$, and the grayscale version is $37.6844, -2.0107, 2.0475$.

A 20% lighter version of the original color is $70.4504, -46.5684, 35.3631$, and $30.5080, -26.1606, 18.3409$ is the 20% darker color. If you saturate the color by 10%, you get $48.2923, -40.2275, 28.5163$, and if you desaturate by 10%, it is $49.0127, -36.8621, 26.5030$.

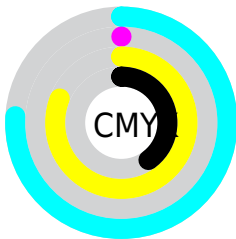
Distribution



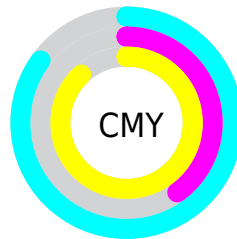
- Red (15%)
- Green (60%)
- Blue (12%)



- Red (12%)
- Yellow (60%)
- Blue (58%)



- Cyan (76%)
- Magenta (0%)
- Yellow (81%)
- Black (40%)



- Cyan (85%)
- Magenta (40%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.5780, -38.8859, 27.7536 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 48.5780, -38.8859, 27.7536 by changing the saturation by 10% instead.

■ 48.5780, -38.8859,
27.7536

■ 48.5780, -38.8859,
27.7536

164.5563,
-69.1484, 57.5472

■ 38.7770, -34.7319,
23.6897

■ 70.2676, -46.4870,
35.2442

■ 29.7406, -30.2425,
19.4066

■ 82.0717, -50.0272,
38.7387

■ 21.5413, -25.2960,
15.0789

■ 94.4715, -53.4365,
42.1019

■ 14.2751, -20.9363,
9.9925

■ 107.4397,
-56.7370, 45.3542

■ 7.9327, -13.8823,
5.5529

■ 120.9522,
-59.9459, 48.5125

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 134.9881,

-63.0771, 51.5902

0.0000, NaN, NaN

149.5284,
-66.1415, 54.5987

0.0000, NaN, NaN

■ 48.5780, -38.8859,
27.7536

■ 48.5780, -38.8859,
27.7536

■ 48.2923, -40.2275,
28.5163

■ 49.0127, -36.8621,
26.5030

■ 48.1333, -40.9750,
28.9422

■ 49.6059, -34.1151,
24.7255

■ 50.3669, -30.6356,
22.4063

■ 51.3007, -26.4387,
19.5502

■ 52.4089, -21.5598,
16.1782

■ 53.6904, -16.0497,
12.3237

■ 55.1421, -9.9695,
8.0287

■ 56.7590, -3.3854,
3.3403

■ 58.5348, 3.6349,
-1.6929

Harmonies

Analogous

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



48.5790, -18.5423, 31.6821



48.5780, -38.8859, 27.7536



48.5790, -48.1883, 14.0748

Triad

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



48.5790, -38.8866, 27.7538



48.5790, -15.7015, -91.7642



48.5790, 69.1082, 16.2629

Complementary

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



48.5780, -38.8859, 27.7536



30.7666, 52.5131, -39.0394

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.



48.5790, 70.4268, -12.4871



48.5780, -38.8859, 27.7536



48.5790, 15.7191, -89.6955

Square

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



48.5790, -38.8866, 27.7538



48.5790, -37.2605, -59.5934



48.5790, 48.9993, -55.0035



48.5790, 45.7532, 28.4910

Rectangle

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



48.5780, -38.8859, 27.7536



48.5790, -48.9038, -4.3688



48.5790, 48.9993, -55.0035



48.5790, 72.3153, 8.7462

Sweetspot

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



48.5790, -38.8866, 27.7538



71.6502, -24.6730, 18.7439



52.3838, -10.5733, 30.7029



33.8164, -12.9090, 9.7359



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



48.5790, -38.8866, 27.7538



64.8972, -55.1021, 38.8661



49.0145, -35.9499, 19.4923



26.3465, -4.3528, 3.5431



43.4515, -36.9577, 26.1276



5.3492, -4.3640, 3.2198

Inverse Universe

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



30.7666, 52.5131, -39.0394



39.2068, 77.0925, -58.4754



29.5372, 45.6343, -5.3397



25.1116, 1.7383, -0.8557



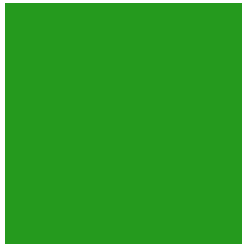
26.1414, 52.0391, -39.4727



3.2681, 6.4662, -4.6287

Previews

White Background



This preview shows how the HunterLab color 48.5780, -38.8859, 27.7536 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 48.5780, -38.8859, 27.7536 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 48.5780, -38.8859, 27.7536 Background



This preview shows how black text looks on a background with the HunterLab color 48.5780, -38.8859, 27.7536.



This preview shows how white text looks on a background with the HunterLab color 48.5780,

-38.8859, 27.7536.

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

48.5780, -38.8859, 27.7536

Protanopia

48.1981, -6.7708, 28.5179

Deuteranopia

48.1773, 3.2824, 26.8116



Tritanopia

48.3624, -16.6800, -8.5086

Trichromacy



Original Color

48.5780, -38.8859, 27.7536

Protanomaly

47.2361, -22.5952, 27.4844

Deuteranomaly

46.5583, -17.1513, 25.9444

Tritanomaly

47.8780, -27.6699, 10.7498

Monochromacy



Original Color

48.5780, -38.8859, 27.7536

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

40.5234, -19.0867, 14.0905

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.5780, -38.8859, 27.7536 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(37, 154, 30)` looks like.

```
.text, #text, p{  
    color:rgb(37, 154, 30)  
}
```

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(37, 154, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 154, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 48.5780, -38.8859, 27.7536 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(37, 154, 30) }
```


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

```
.border{ border-color:rgb(37, 154, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 154, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 154, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 154, 30);  
box-shadow:4px 4px 4px 4px rgb(37, 154,  
30) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.5780, -38.8859, 27.7536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 154, 30) }
```

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

```
.background{ background-color: rgb(37, 154,  
30) }
```

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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