

Converting Colors

HunterLab(50.3848, -38.6223,
30.3707)

Have a look what the booklet for
HunterLab(50.3848, -38.6223,
30.3707) contains.

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Color

**HunterLab(50.3520,
-38.5855, 30.3512)**

Conversions

Conversions Part 1

Format	Color
Hex	3A9E00
RGB	58, 158, 0
RGB Percent	23%, 62%, 0%
CMY	0.7726, 0.3804, 1.0000
CMYK	0.63, 0.00, 1.00, 0.38
HSL	98°, 100%, 31%
HSV	98°, 100%, 62%
XYZ	13.9718, 25.3532, 4.1572
YIQ	110.0880, -8.8820, -70.3380

Conversions

Conversions Part 2

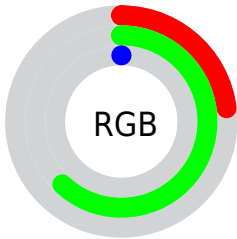
Format	Color
RYB	0, 158, 100
Decimal	3841536
CIELab	57.42, -52.58, 59.24
CIElCh	57, 79.203, 131.592
Yxy	25.3543, 0.3213, 0.5831
Android (android.graphics.Color)	4282031616 (0xFF3A9E00)
YUV	110.0880, -54.2734, -45.6812
Hunter-Lab	50.3520, -38.5855, 30.3512

Details

The HunterLab color $[50.3520, -38.5855, 30.3512]$ is a dark color, and the websafe version is hex 339900 . A complement of this color would be $[22.7579, 49.8180, -69.3821]$, and the grayscale version is $[39.7257, -2.1197, 2.1584]$.

A 20% lighter version of the original color is $[72.3876, -46.1543, 38.9143]$, and $[31.7855, -27.2560, 19.1089]$ is the 20% darker color. If you saturate the color by 10%, you get $[50.3528, -38.5875, 30.3516]$, and if you desaturate by 10%, it is $[50.7155, -37.0012, 30.0383]$.

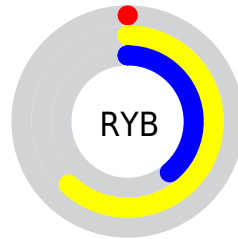
Distribution



Red (23%)

Green (62%)

Blue (0%)



Red (0%)

Yellow (62%)

Blue (39%)

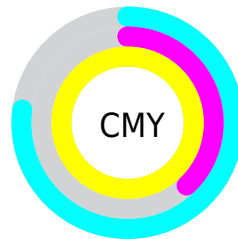


Cyan (63%)

Magenta (0%)

Yellow (100%)

Black (38%)



Cyan (77%)

Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.3520, -38.5855, 30.3512 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 50.3520, -38.5855, 30.3512 by changing the saturation by 10% instead.

■ 50.3520, -38.5855,
30.3512

■ 50.3520, -38.5855,
30.3512

167.2118,
-67.8324, 63.8741

■ 40.4243, -34.6091,
25.7856

■ 72.2713, -45.8916,
38.7993

■ 31.2505, -30.3267,
21.1750

■ 84.1809, -49.3053,
42.7429

■ 22.8999, -25.6298,
16.0299

■ 96.6812, -52.5984,
46.5353

■ 15.4634, -20.7191,
10.8243

■ 109.7454,
-55.7911, 50.1982

■ 9.0627, -15.8598,
6.3439

■ 123.3501,
-58.8993, 53.7498


0.0000, NaN, NaN

0.0000, NaN, NaN


■ 137.4748,


-61.9358, 57.2049


0.0000, NaN, NaN


 152.1009,
-64.9107, 60.5762


0.0000, NaN, NaN


 50.3520, -38.5855,
30.3512


 50.3520, -38.5855,
30.3512


 50.3528, -38.5875,
30.3516

 50.7155, -37.0012,
30.0383

 51.1632, -35.0229,
29.3616

 51.7090, -32.5880,
28.1584

 52.3574, -29.6858,
26.3818

 53.1112, -26.3180,
24.0054

■ 53.9718, -22.4956,
21.0187

■ 54.9397, -18.2376,
17.4244

■ 56.0142, -13.5686,
13.2362

■ 57.1936, -8.5175,
8.4762

Harmonies

Analogous

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



50.3531, -14.9410, 33.3621



50.3520, -38.5855, 30.3512



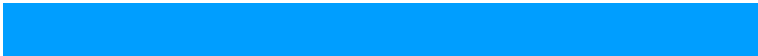
50.3531, -50.2414, 18.4526

Triad

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



50.3531, -38.5863, 30.3514



50.3531, -21.3858, -96.3271



50.3531, 76.8092, 13.5248

Complementary

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



50.3520, -38.5855, 30.3512



22.7579, 49.8180, -69.3821

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.



50.3531, 73.7679, -20.5850



50.3520, -38.5855, 30.3512



50.3531, 10.8586, -101.1536

Square

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



50.3531, -38.5863, 30.3514



50.3531, -42.2420, -56.9164



50.3531, 47.3558, -67.5789



50.3531, 54.8219, 28.7510

Rectangle

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



50.3520, -38.5855, 30.3512



50.3531, -52.1039, 1.0160



50.3531, 47.3558, -67.5789



50.3531, 78.8073, 4.4067

Sweetspot

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



50.3531, -38.5863, 30.3514



73.9532, -24.9329, 23.7908



39.8753, 12.6598, 24.7920



34.8614, -12.9472, 12.2471



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



50.3531, -38.5863, 30.3514



67.7766, -52.3216, 40.8476



49.4975, -42.1181, 29.0542



27.4111, -3.8886, 3.8755



45.0843, -34.4355, 27.1779



6.2163, -3.8323, 3.7634

Inverse Universe

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



22.7579, 49.8180, -69.3821



30.4755, 66.9000, -94.3351



30.2498, 58.0188, -28.6497



25.7542, 1.1447, -1.1616



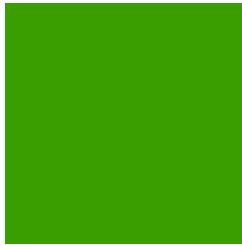
20.4213, 44.6534, -61.8524



3.1280, 6.4869, -6.7392

Previews

White Background



This preview shows how the HunterLab color 50.3520, -38.5855, 30.3512 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 50.3520, -38.5855, 30.3512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

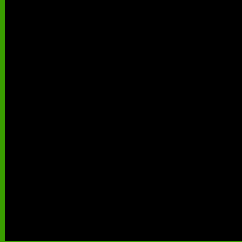
Any Text WCAG AA ✓ Pass

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 50.3520, -38.5855, 30.3512 Background



This preview shows how black text looks on a background with the HunterLab color 50.3520, -38.5855, 30.3512.



This preview shows how white text looks on a background with the HunterLab color 50.3520,

-38.5855, 30.3512.

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

50.3520, -38.5855, 30.3512

Protanopia

49.8597, -6.8350, 30.6036

Deuteranopia

49.8455, 3.2654, 29.0603



Tritanopia

50.3010, -15.4997, -7.9386

Trichromacy



Original Color

50.3520, -38.5855, 30.3512

Protanomaly

49.2381, -21.3794, 29.9660

Deuteranomaly

48.6165, -15.7829, 28.8157

Tritanomaly

49.5668, -27.9803, 15.3259

Monochromacy



Original Color

50.3520, -38.5855, 30.3512

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

42.2434, -18.9554, 17.5658

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.3520, -38.5855, 30.3512 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(58, 158, 0)` looks like.

```
.text, #text, p{  
    color:rgb(58, 158, 0)  
}
```

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(58, 158, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 158, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 50.3520, -38.5855, 30.3512 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(58, 158, 0) }
```


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

```
.border{ border-color:rgb(58, 158, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 158, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 158, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 158, 0);  
box-shadow:4px 4px 4px 4px rgb(58, 158, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 50.3520, -38.5855, 30.3512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 158, 0) }
```

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

```
.background{ background-color: rgb(58, 158,  
0) }
```

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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