

Converting Colors

HunterLab(51.7823, -39.2019,
30.4415)

Have a look what the booklet for
HunterLab(51.7823, -39.2019,
30.4415) contains.

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Color

**HunterLab(51.8187,
-39.3221, 30.4848)**

Conversions

Conversions Part 1

Format	Color
Hex	3CA214
RGB	60, 162, 20
RGB Percent	24%, 64%, 8%
CMY	0.7647, 0.3647, 0.9215
CMYK	0.63, 0.00, 0.88, 0.36
HSL	103°, 78%, 36%
HSV	103°, 88%, 64%
XYZ	14.9100, 26.8518, 5.0589
YIQ	115.3140, -15.2100, -65.7860

Conversions

Conversions Part 2

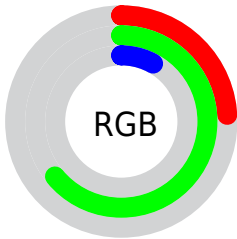
Format	Color
RYB	20, 162, 122
Decimal	3973652
CIELab	58.84, -52.91, 57.13
CIELCh	59, 77.868, 132.807
Yxy	26.8529, 0.3184, 0.5735
Android (android.graphics.Color)	4282163732 (0xFF3CA214)
YUV	115.3140, -46.9898, -48.5104
Hunter-Lab	51.8187, -39.3221, 30.4848

Details

The HunterLab color $51.8187, -39.3221, 30.4848$ is a dark color, and the websafe version is hex 339900 . A complement of this color would be $26.9218, 51.0151, -57.8009$, and the grayscale version is $41.7070, -2.2254, 2.2660$.

A 20% lighter version of the original color is $73.9696, -46.7599, 38.6779$, and $33.0716, -28.3589, 19.8821$ is the 20% darker color. If you saturate the color by 10%, you get $51.4658, -40.8920, 30.8711$, and if you desaturate by 10%, it is $52.2821, -37.2493, 29.6521$.

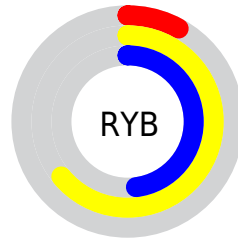
Distribution



Red (24%)

Green (64%)

Blue (8%)



Red (8%)

Yellow (64%)

Blue (48%)

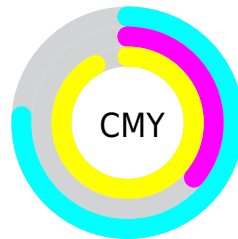


Cyan (63%)

Magenta (0%)

Yellow (88%)

Black (36%)



Cyan (76%)

Magenta (36%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8187, -39.3221, 30.4848 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 51.8187, -39.3221, 30.4848 by changing the saturation by 10% instead.

■ 51.8187, -39.3221,
30.4848

■ 51.8187, -39.3221,
30.4848

169.3943,
-68.5931, 62.7982

■ 41.7885, -35.3586,
26.0981

■ 73.9241, -46.6192,
38.6033

■ 32.5038, -31.0986,
21.4986

■ 85.9193, -50.0335,
42.3975

■ 24.0315, -26.4397,
16.8221

■ 98.5011, -53.3291,
46.0500

■ 16.4586, -21.3140,
11.5210

■ 111.6434,
-56.5260, 49.5814

■ 9.9080, -17.3390,
6.9356

■ 125.3231,
-59.6396, 53.0089

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 139.5200,

-62.6822, 56.3466

0.0000, NaN, NaN

154.2159,
-65.6639, 59.6064

0.0000, NaN, NaN

■ 51.8187, -39.3221,
30.4848

■ 51.8187, -39.3221,
30.4848

■ 51.4658, -40.8920,
30.8711

■ 52.2821, -37.2493,
29.6521

■ 51.3945, -41.2095,
30.9476

■ 52.8629, -34.6290,
28.2694

■ 53.5675, -31.4529,
26.2958

■ 54.3991, -27.7265,
23.7111

■ 55.3591, -23.4680,
20.5121

■ 56.4474, -18.7045,
16.7098

■ 57.6628, -13.4707,
12.3259

■ 59.0029, -7.8057,
7.3907

■ 60.4643, -1.7512,
1.9403

Harmonies

Analogous

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



51.8198, -16.1387, 33.9424



51.8187, -39.3221, 30.4848



51.8198, -50.6425, 17.7199

Triad

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



51.8198, -39.3230, 30.4850



51.8198, -20.2769, -94.8050



51.8198, 75.0768, 14.5299

Complementary

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



51.8187, -39.3221, 30.4848



26.9218, 51.0151, -57.8009

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.



51.8198, 73.1592, -18.4660



51.8187, -39.3221, 30.4848



51.8198, 12.1135, -97.8100

Square

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



51.8198, -39.3230, 30.4850



51.8198, -41.6938, -57.5194



51.8198, 47.9809, -64.1897



51.8198, 52.7029, 29.4062

Rectangle

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



51.8187, -39.3221, 30.4848



51.8198, -52.2592, -0.2333



51.8198, 47.9809, -64.1897



51.8198, 77.3881, 5.6995

Sweetspot

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



51.8198, -39.3230, 30.4850



76.2350, -24.4193, 21.8717



46.4707, 3.0228, 27.8430



35.8883, -12.6186, 11.2197



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



51.8198, -39.3230, 30.4850



69.1814, -55.7995, 41.6524



51.2129, -41.5159, 27.2345



28.2615, -4.2085, 3.9561



45.6377, -36.4871, 27.4830



6.7838, -4.5882, 4.0999

Inverse Universe

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



26.9218, 51.0151, -57.8009



33.7865, 71.8768, -86.8215



31.3488, 54.8293, -20.4944



26.6486, 1.3849, -1.1384



22.4122, 47.5510, -56.5983



3.5694, 7.3225, -7.0715

Previews

White Background



This preview shows how the HunterLab color 51.8187, -39.3221, 30.4848 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 51.8187, -39.3221, 30.4848 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 51.8187, -39.3221, 30.4848 Background



This preview shows how black text looks on a background with the HunterLab color 51.8187, -39.3221, 30.4848.



This preview shows how white text looks on a background with the HunterLab color 51.8187, -39.3221, 30.4848.

-39.3221, 30.4848.

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

51.8187, -39.3221, 30.4848

Protanopia

51.4269, -7.0784, 31.1641

Deuteranopia

51.2530, 3.9411, 29.4304



Tritanopia

51.8192, -15.9274, -7.9940

Trichromacy



Original Color

51.8187, -39.3221, 30.4848

Protanomaly

50.7349, -21.9315, 30.3505

Deuteranomaly

50.1190, -16.2445, 28.9822

Tritanomaly

51.1958, -27.7663, 13.6439

Monochromacy



Original Color

51.8187, -39.3221, 30.4848

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

44.1753, -19.0456, 16.7011

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8187, -39.3221, 30.4848 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(60, 162, 20)` looks like.

```
.text, #text, p{  
    color:rgb(60, 162, 20)  
}
```

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(60, 162, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 162, 20) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8187, -39.3221, 30.4848 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(60, 162, 20) }
```


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

```
.border{ border-color:rgb(60, 162, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 162, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 162, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 162, 20);  
box-shadow:4px 4px 4px 4px rgb(60, 162,  
20) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.8187, -39.3221, 30.4848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 162, 20) }
```

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

```
.background{ background-color: rgb(60, 162,  
20) }
```

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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