

Converting Colors

HunterLab(50.9691, -40.2521,
29.8450)

Have a look what the booklet for
HunterLab(50.9691, -40.2521,
29.8450) contains.

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Color

**HunterLab(51.1390,
-40.4102, 29.9241)**

Conversions

Conversions Part 1	
Format	Color
Hex	2FA116
RGB	47, 161, 22
RGB Percent	18%, 63%, 9%
CMY	0.8157, 0.3686, 0.9137
CMYK	0.71, 0.00, 0.86, 0.37
HSL	109°, 76%, 36%
HSV	109°, 86%, 63%
XYZ	14.0620, 26.1520, 5.0658
YIQ	111.0680, -23.3250, -67.3970

Conversions

Conversions Part 2

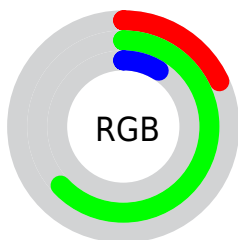
Format	Color
RYB	22, 161, 136
Decimal	3121430
CIELab	58.18, -55.30, 55.96
CIELCh	58, 78.677, 134.657
Yxy	26.1531, 0.3106, 0.5776
Android (android.graphics.Color)	4281311510 (0xFF2FA116)
YUV	111.0680, -43.9105, -56.1876
Hunter-Lab	51.1390, -40.4102, 29.9241

Details

The HunterLab color **51.1390, -40.4102, 29.9241** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **28.9529, 53.3739, -50.2763**, and the grayscale version is **40.0661, -2.1378, 2.1769**.

A 20% lighter version of the original color is **73.2115, -48.0185, 37.9677**, and **32.7492, -28.0825, 19.6883** is the 20% darker color. If you saturate the color by 10%, you get **50.8334, -41.7970, 30.3937**, and if you desaturate by 10%, it is **51.5737, -38.4319, 28.9880**.

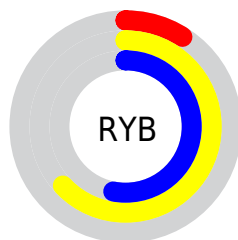
Distribution



Red (18%)

Green (63%)

Blue (9%)



Red (9%)

Yellow (63%)

Blue (53%)

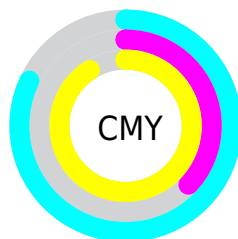


Cyan (71%)

Magenta (0%)

Yellow (86%)

Black (37%)



Cyan (82%)


Magenta (37%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 51.1390, -40.4102, 29.9241 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 51.1390, -40.4102, 29.9241 by changing the saturation by 10% instead.


 51.1390, -40.4102,
29.9241


 51.1390, -40.4102,
29.9241


168.3843,
-70.8668, 61.7325


 41.1560, -36.2581,
25.6012


 73.1586, -48.0344,
37.9177

 31.9225, -31.7865,
21.0646


 85.1143, -51.5938,
41.6520


 23.5062, -26.8849,
16.4543

 97.6584, -55.0250,
45.2465

 15.9960, -21.7079,
11.1972

 110.7647,
-58.3495, 48.7220

 9.5182, -16.6568,
6.6627

 124.4098,
-61.5838, 52.0953

0.0000, NaN, NaN

0.0000, NaN, NaN

 138.5734,

-64.7413, 55.3807

0.0000, NaN, NaN

153.2370,
-67.8327, 58.5898

0.0000, NaN, NaN

■ 51.1390, -40.4102,
29.9241

■ 51.1390, -40.4102,
29.9241

■ 50.8334, -41.7970,
30.3937

■ 51.5737, -38.4319,
28.9880

■ 50.7457, -42.1953,
30.5306

■ 52.1456, -35.8175,
27.5073

■ 52.8627, -32.5557,
25.4474

■ 53.7294, -28.6538,
22.7951

■ 54.7474, -24.1353,
19.5551

■ 55.9166, -19.0363,
15.7465

■ 57.2352, -13.4023,
11.3994

■ 58.6998, -7.2843,
6.5518

■ 60.3060, -0.7360,
1.2465

Harmonies

Analogous

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



51.1401, -17.9494, 33.6069



51.1390, -40.4102, 29.9241



51.1401, -50.9988, 16.4227

Triad

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



51.1401, -40.4110, 29.9243



51.1401, -18.5984, -97.7170



51.1401, 75.1514, 15.9250

Complementary

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



51.1390, -40.4102, 29.9241



28.9529, 53.3739, -50.2763

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.



51.1401, 74.8476, -16.1030



51.1390, -40.4102, 29.9241



51.1401, 14.5046, -98.1965

Square

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



51.1401, -40.4110, 29.9243



51.1401, -40.7807, -61.2220



51.1401, 50.5187, -62.2834



51.1401, 51.2655, 29.7597

Rectangle

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



51.1390, -40.4102, 29.9241



51.1401, -52.1911, -2.4143



51.1401, 50.5187, -62.2834



51.1401, 78.0387, 7.4876

Sweetspot

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



51.1401, -40.4110, 29.9243



74.8027, -25.5883, 21.1585



50.1088, -3.6918, 29.9135



34.7847, -13.0505, 10.7149



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.



51.1401, -40.4110, 29.9243



67.8634, -56.6613, 40.8252



51.0442, -40.1581, 24.7591



28.2019, -4.4220, 3.8873



45.3644, -37.6458, 27.2943



6.6968, -4.9477, 4.0399

Inverse Universe

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



28.9529, 53.3739, -50.2763



36.5007, 75.1338, -74.2820



30.7174, 51.9810, -12.6391



26.7161, 1.6123, -1.0484



24.4794, 50.3169, -49.2600



3.7650, 7.5946, -6.4581

Previews

White Background



This preview shows how the HunterLab color 51.1390, -40.4102, 29.9241 looks on a white background.

Color Contrast Check

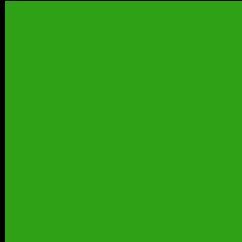
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.1390, -40.4102, 29.9241 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 51.1390, -40.4102, 29.9241 Background



This preview shows how black text looks on a background with the HunterLab color 51.1390, -40.4102, 29.9241.



This preview shows how white text looks on a background with the HunterLab color 51.1390, -40.4102, 29.9241.

-40.4102, 29.9241.

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

51.1390, -40.4102, 29.9241

Protanopia

50.6634, -6.8389, 30.5700

Deuteranopia





50.6502, 3.3073, 28.9184






Tritanopia

51.1144, -17.0359, -8.4516

Trichromacy

	Original Color 51.1390, -40.4102, 29.9241
	Protanomaly 49.6921, -22.7375, 29.5392
	Deuteranomaly 49.3396, -17.6097, 28.3655
	Tritanomaly 50.4855, -28.9194, 12.9410

Monochromacy

	Original Color 51.1390, -40.4102, 29.9241
	Achromatopsia 39.8699, -2.1274, 2.1662
	Achromatomaly 42.8249, -19.5656, 15.8048

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.1390, -40.4102, 29.9241 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(47, 161, 22)` looks like.

```
.text, #text, p{  
    color:rgb(47, 161, 22)  
}
```

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(47, 161, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 161, 22) }
```

Border

The CSS property to change the border of an element to HunterLab 51.1390, -40.4102, 29.9241 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(47, 161, 22) }
```


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

```
.border{ border-color:rgb(47, 161, 22) }
```

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

Here you see how a box with a 4 pixel rgb(47, 161, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 161, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 161, 22);  
box-shadow:4px 4px 4px 4px rgb(47, 161,  
22) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.1390, -40.4102, 29.9241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 161, 22) }
```

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

```
.background{ background-color: rgb(47, 161,  
22) }
```

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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