

Converting Colors

HunterLab(51.2442, -42.7221,
34.4813)

Have a look what the booklet for
HunterLab(51.2442, -42.7221,
34.4813) contains.

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Color

**HunterLab(51.4019,
-41.1729, 30.9528)**

Conversions

Conversions Part 1

Format	Color
Hex	2EA200
RGB	46, 162, 0
RGB Percent	18%, 64%, 0%
CMY	0.8196, 0.3647, 0.9999
CMYK	0.72, 0.00, 1.00, 0.36
HSL	103°, 100%, 32%
HSV	103°, 100%, 64%
XYZ	14.0471, 26.4216, 4.3595
YIQ	108.8480, -17.1340, -74.9740

Conversions

Conversions Part 2

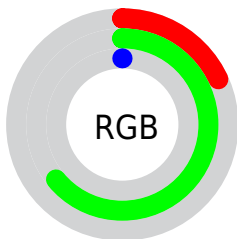
Format	Color
RYB	0, 162, 116
Decimal	3056128
CIELab	58.44, -56.49, 59.91
CIELCh	58, 82.344, 133.314
Yxy	26.4227, 0.3134, 0.5894
Android (android.graphics.Color)	4281246208 (0xFF2EA200)
YUV	108.8480, -53.6621, -55.1177
Hunter-Lab	51.4019, -41.1729, 30.9528

Details

The HunterLab color $51.4019, -41.1729, 30.9528$ is a dark color, and the websafe version is hex 009900 . A complement of this color would be $25.1461, 53.4342, -64.1693$, and the grayscale version is $39.2522, -2.0944, 2.1326$.

A 20% lighter version of the original color is $73.4780, -48.9137, 39.4734$, and $33.0716, -28.3589, 19.8821$ is the 20% darker color. If you saturate the color by 10%, you get $51.4027, -41.1749, 30.9533$, and if you desaturate by 10%, it is $51.7373, -39.6928, 30.6139$.

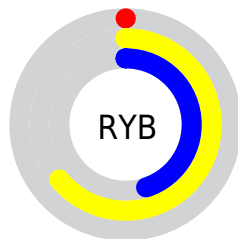
Distribution



Red (18%)

Green (64%)

Blue (0%)



Red (0%)

Yellow (64%)

Blue (45%)

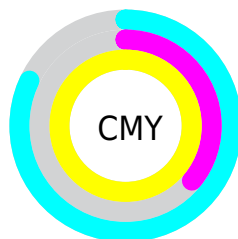


Cyan (72%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (82%)


Magenta (36%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 51.4019, -41.1729, 30.9528 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 51.4019, -41.1729, 30.9528 by changing the saturation by 10% instead.


 51.4019, -41.1729,
30.9528


 51.4019, -41.1729,
30.9528


168.7752,
-72.1650, 64.6939


 41.4006, -36.9423,
26.3670


 73.4548, -48.9388,
39.4464


 32.1472, -32.3857,
21.6836


 85.4258, -52.5627,
43.4142


 23.7092, -27.3914,
16.5964

 97.9845, -56.0552,
47.2314

 16.1746, -22.1150,
11.3222

 111.1047,
-59.4379, 50.9193

 9.6685, -16.9199,
6.7680

 124.7633,
-62.7279, 54.4958


0.0000, NaN, NaN

0.0000, NaN, NaN


 138.9398,


-65.9387, 57.9758


0.0000, NaN, NaN


 153.6159,
-69.0814, 61.3716


0.0000, NaN, NaN


 51.4019, -41.1729,
30.9528


 51.4019, -41.1729,
30.9528


 51.4027, -41.1749,
30.9533

 51.7373, -39.6928,
30.6139

 52.1737, -37.7409,
29.9018

 52.7267, -35.2489,
28.6530

 53.4018, -32.2038,
26.8208

 54.2029, -28.6081,
24.3801

■ 55.1318, -24.4769,
21.3242

■ 56.1886, -19.8354,
17.6607

■ 57.3724, -14.7166,
13.4090

■ 58.6810, -9.1584,
8.5975

Harmonies

Analogous

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



51.4030, -17.3123, 34.2233



51.4019, -41.1729, 30.9528



51.4030, -52.5479, 17.9670

Triad

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



51.4030, -41.1737, 30.9530



51.4030, -20.6393, -103.6945



51.4030, 80.2735, 15.4409

Complementary

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



51.4019, -41.1729, 30.9528



25.1461, 53.4342, -64.1693

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.



51.4030, 78.6811, -19.1285



51.4019, -41.1729, 30.9528



51.4030, 13.6491, -106.2462

Square

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



51.4030, -41.1737, 30.9530



51.4030, -43.0462, -63.1348



51.4030, 51.9018, -68.7506



51.4030, 55.8018, 30.1589

Rectangle

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



51.4019, -41.1729, 30.9528



51.4030, -54.0710, -1.0328



51.4030, 51.9018, -68.7506



51.4030, 82.9305, 6.3550

Sweetspot

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



51.4030, -41.1737, 30.9530



75.6186, -27.1062, 24.1036



44.2526, 6.6663, 27.3844



35.5579, -14.0669, 12.3996



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.



51.4030, -41.1737, 30.9530



69.1921, -55.7543, 41.6598



50.9396, -42.9336, 29.0122



28.2628, -4.2038, 3.9576



45.6451, -36.4559, 27.4881



6.7858, -4.5803, 4.1012

Inverse Universe

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



25.1461, 53.4342, -64.1693



33.7185, 71.7888, -87.0842



30.4683, 57.4301, -21.0474



26.6471, 1.3799, -1.1404



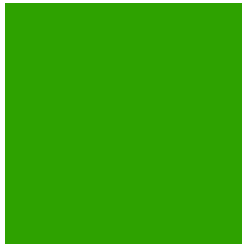
22.3684, 47.4940, -56.7658



3.5652, 7.3167, -7.0853

Previews

White Background



This preview shows how the HunterLab color 51.4019, -41.1729, 30.9528 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 51.4019, -41.1729, 30.9528 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 51.4019, -41.1729, 30.9528 Background



This preview shows how black text looks on a background with the HunterLab color 51.4019, -41.1729, 30.9528.



This preview shows how white text looks on a background with the HunterLab color 51.4019,

-41.1729, 30.9528.

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

51.4019, -41.1729, 30.9528

Protanopia

50.9159, -7.4787, 31.2432

Deuteranopia

50.7325, 3.5208, 29.4644



Tritanopia

51.4617, -17.2668, -8.5132

Trichromacy



Original Color

51.4019, -41.1729, 30.9528

Protanomaly

49.9617, -23.3880, 30.3767

Deuteranomaly

49.2870, -17.9140, 29.1437

Tritanomaly

50.6667, -30.1706, 15.3666

Monochromacy



Original Color

51.4019, -41.1729, 30.9528

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

42.2451, -20.5581, 17.7694

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.4019, -41.1729, 30.9528 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(46, 162, 0)` looks like.

```
.text, #text, p{  
    color:rgb(46, 162, 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(46, 162, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 162, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.4019, -41.1729, 30.9528 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(46, 162, 0) }
```


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

```
.border{ border-color:rgb(46, 162, 0) }
```

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

Here you see how a box with a 4 pixel rgb(46, 162, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 162, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 162, 0);  
box-shadow:4px 4px 4px 4px rgb(46, 162, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 51.4019, -41.1729, 30.9528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 162, 0) }
```

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

```
.background{ background-color: rgb(46, 162,  
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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