

Converting Colors

HunterLab(52.8356, -41.4473,
29.6007)

Have a look what the booklet for
HunterLab(52.8356, -41.4473,
29.6007) contains.

HunterLab(52.9211, -41.5256, 29.6337)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(52.9211,
-41.5256, 29.6337)**

Conversions

Conversions Part 1

Format	Color
Hex	2EA628
RGB	46, 166, 40
RGB Percent	18%, 65%, 16%
CMY	0.8196, 0.3490, 0.8431
CMYK	0.72, 0.00, 0.76, 0.35
HSL	117°, 61%, 40%
HSV	117°, 76%, 65%
XYZ	15.1459, 28.0064, 6.6150
YIQ	115.7560, -31.0740, -64.6260

Conversions

Conversions Part 2

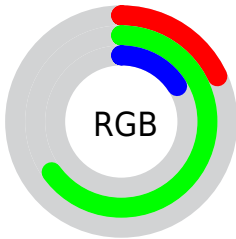
Format	Color
R_{YB}	40, 166, 160
Decimal	3057192
CIE _{Lab}	59.90, -56.06, 52.23
CIE _{LCh}	60, 76.618, 137.025
Yxy	28.0076, 0.3043, 0.5627
Android (android.graphics.Color)	4281247272 (0xFF2EA628)
YUV	115.7560, -37.3477, -61.1760
Hunter-Lab	52.9211, -41.5256, 29.6337

Details

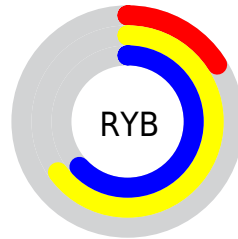
The HunterLab color $52.9211, -41.5256, 29.6337$ is a dark color, and the websafe version is hex 009900 . A complement of this color would be $34.2718, 55.3422, -40.3275$, and the grayscale version is $41.8457, -2.2328, 2.2736$.

A 20% lighter version of the original color is $75.0771, -49.1879, 37.0381$, and $34.3661, -29.4689, 20.6603$ is the 20% darker color. If you saturate the color by 10%, you get $52.5508, -43.2671, 30.6854$, and if you desaturate by 10%, it is $53.4631, -39.0045, 28.0252$.

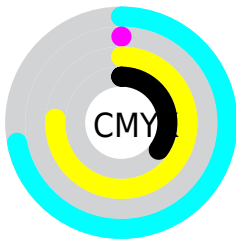
Distribution



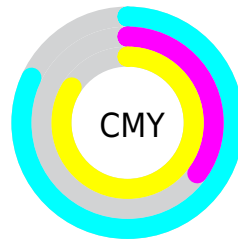
- Red (18%)
- Green (65%)
- Blue (16%)



- Red (16%)
- Yellow (65%)
- Blue (63%)



- Cyan (72%)
- Magenta (0%)
- Yellow (76%)
- Black (35%)



- Cyan (82%)
- Magenta (35%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.9211, -41.5256, 29.6337 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 52.9211, -41.5256, 29.6337 by changing the saturation by 10% instead.

■ 52.9211, -41.5256,
29.6337

■ 52.9211, -41.5256,
29.6337

171.0273,
-72.1666, 59.4199

■ 42.8152, -37.3660,
25.6111

■ 75.1642, -49.1801,
37.0793

■ 33.4487, -32.8964,
21.3389

■ 87.2228, -52.7588,
40.5652

■ 24.8868, -28.0126,
17.4208

■ 99.8650, -56.2110,
43.9265

■ 17.2137, -22.6059,
12.0496

■ 113.0652,
-59.5574, 47.1821

■ 10.5476, -18.4582,
7.3833

■ 126.8005,
-62.8143, 50.3475

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 141.0510,

-65.9947, 53.4356

0.0000, NaN, NaN

155.7987,
-69.1092, 56.4568

0.0000, NaN, NaN

■ 52.9211, -41.5256,
29.6337

■ 52.9211, -41.5256,
29.6337

■ 52.5508, -43.2671,
30.6854

■ 53.4631, -39.0045,
28.0252

■ 52.3305, -44.2982,
31.2489

■ 54.1858, -35.6705,
25.8284

■ 52.2728, -44.5733,
31.4299

■ 55.0982, -31.5250,
23.0372

■ 56.2042, -26.5947,
19.6659

■ 57.5045, -20.9275,
15.7448

■ 58.9967, -14.5865,
11.3164

■ 60.6762, -7.6437,
6.4309

■ 62.5369, -0.1751,
1.1421

■ 64.5709, 7.7439,
-4.4960

Harmonies

Analogous

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



52.9222, -20.0602, 34.1324



52.9211, -41.5256, 29.6337



52.9222, -51.3393, 14.6611

Triad

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



52.9222, -41.5264, 29.6339



52.9222, -16.2592, -95.3125



52.9222, 72.0121, 17.6117

Complementary

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



52.9211, -41.5256, 29.6337



34.2718, 55.3422, -40.3275

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.



52.9222, 73.7470, -12.4424



52.9211, -41.5256, 29.6337



52.9222, 16.9402, -92.6230

Square

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



52.9222, -41.5264, 29.6339



52.9222, -39.3307, -62.5238



52.9222, 51.6921, -56.5289



52.9222, 47.4091, 30.6649

Rectangle

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



52.9211, -41.5256, 29.6337



52.9222, -52.0129, -4.9974



52.9222, 51.6921, -56.5289



52.9222, 75.4681, 9.7075

Sweetspot

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



52.9222, -41.5264, 29.6339



77.9410, -26.1603, 19.7960



57.7056, -12.4270, 33.2773



36.5562, -13.7258, 10.3043



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



52.9222, -41.5264, 29.6339



70.5729, -59.3240, 41.9112



53.4624, -37.9486, 19.8170



29.0244, -4.8610, 3.9307



46.0368, -39.2230, 27.6810



7.2167, -5.9652, 4.3425

Inverse Universe

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



34.2718, 55.3422, -40.3275



43.3564, 82.9100, -61.3701



32.7657, 47.5960, -5.3122



27.6553, 1.9874, -0.9721



27.9027, 55.4354, -41.2807



4.4130, 8.7345, -6.2724

Previews

White Background



This preview shows how the HunterLab color 52.9211, -41.5256, 29.6337 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 52.9211, -41.5256, 29.6337 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 52.9211, -41.5256, 29.6337 Background



This preview shows how black text looks on a background with the HunterLab color 52.9211, -41.5256, 29.6337.



This preview shows how white text looks on a background with the HunterLab color 52.9211, -41.5256, 29.6337.

-41.5256, 29.6337.

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

52.9211, -41.5256, 29.6337

Protanopia

52.5729, -7.2564, 30.5614

Deuteranopia

52.3832, 3.7909, 28.6675



Tritanopia

52.8566, -18.1879, -8.7574

Trichromacy



Original Color

52.9211, -41.5256, 29.6337



Protanomaly

51.4838, -23.6861, 29.3873



Deuteranomaly

50.8981, -17.7836, 27.7945



Tritanomaly

52.3504, -29.4432, 11.2556

Monochromacy



Original Color

52.9211, -41.5256, 29.6337



Achromatopsia

41.7908, -2.2299, 2.2706



Achromatomaly

44.6978, -19.9125, 14.9474

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.9211, -41.5256, 29.6337 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, 166, 40)` looks like.

```
.text, #text, p{  
    color:rgb(46, 166, 40)  
}
```

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, 166, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 166, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 52.9211, -41.5256, 29.6337 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, 166, 40) }
```


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

```
.border{ border-color:rgb(46, 166, 40) }
```

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

Here you see how a box with a 4 pixel rgb(46, 166, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 166, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 166, 40);  
box-shadow:4px 4px 4px 4px rgb(46, 166,  
40) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.9211, -41.5256, 29.6337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 166, 40) }
```

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

```
.background{ background-color: rgb(46, 166,  
40) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor