

Converting Colors

HunterLab(51.3307, -40.5103,
28.4048)

Have a look what the booklet for
HunterLab(51.3307, -40.5103,
28.4048) contains.

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Color

**HunterLab(51.4580,
-40.6110, 28.4733)**

Conversions

Conversions Part 1

Format	Color
Hex	29A22A
RGB	41, 162, 42
RGB Percent	16%, 64%, 16%
CMY	0.8392, 0.3647, 0.8353
CMYK	0.75, 0.00, 0.74, 0.36
HSL	120°, 60%, 40%
HSV	120°, 75%, 64%
XYZ	14.2527, 26.4793, 6.5503
YIQ	112.1410, -33.5960, -62.9720

Conversions

Conversions Part 2

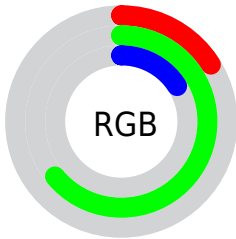
Format	Color
R_{YB}	41, 161, 162
Decimal	2728490
CIE _{Lab}	58.49, -55.44, 50.06
CIE _{LCh}	58, 74.696, 137.916
Yxy	26.4804, 0.3014, 0.5600
Android (android.graphics.Color)	4280918570 (0xFF29A22A)
YUV	112.1410, -34.5795, -62.3907
Hunter-Lab	51.4580, -40.6110, 28.4733

Details

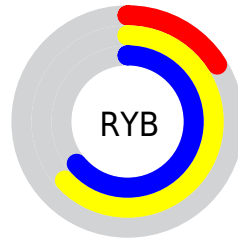
The HunterLab color **51.4580, -40.6110, 28.4733** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **34.4104, 54.5618, -35.9376**, and the grayscale version is **40.4455, -2.1581, 2.1975**.

A 20% lighter version of the original color is **73.5073, -48.3066, 35.7167**, and **33.0716, -28.3589, 19.8821** is the 20% darker color. If you saturate the color by 10%, you get **51.1079, -42.2794, 29.6227**, and if you desaturate by 10%, it is **51.9843, -38.1440, 26.7884**.

Distribution



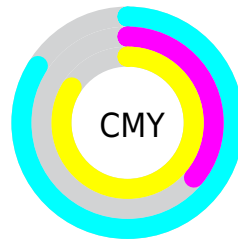
- Red (16%)
- Green (64%)
- Blue (16%)



- Red (16%)
- Yellow (63%)
- Blue (64%)



- Cyan (75%)
- Magenta (0%)
- Yellow (74%)
- Black (36%)



- Cyan (84%)
- Magenta (36%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.4580, -40.6110, 28.4733 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 51.4580, -40.6110, 28.4733 by changing the saturation by 10% instead.

■ 51.4580, -40.6110,
28.4733

■ 51.4580, -40.6110,
28.4733

168.8586,
-71.1014, 57.3287

■ 41.4528, -36.4574,
24.5705

■ 73.5179, -48.2408,
35.6871

■ 32.1952, -31.9862,
20.4180

■ 85.4922, -51.8037,
39.0625

■ 23.7525, -27.0878,
16.6268

■ 98.0541, -55.2388,
42.3170

■ 16.2128, -21.8514,
11.3489

■ 111.1772,
-58.5673, 45.4696

■ 9.7007, -16.9762,
6.7905

■ 124.8387,
-61.8058, 48.5356

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 139.0179,

-64.9674, 51.5275

0.0000, NaN, NaN

153.6967,
-68.0630, 54.4556

0.0000, NaN, NaN

■ 51.4580, -40.6110,
28.4733

■ 51.4580, -40.6110,
28.4733

■ 51.1079, -42.2794,
29.6227

■ 51.9843, -38.1440,
26.7884

■ 50.9106, -43.2240,
30.2840

■ 52.6974, -34.8414,
24.5457

■ 50.8377, -43.5726,
30.5181

■ 53.6070, -30.7036,
21.7466

■ 54.7174, -25.7592,
18.4112

■ 56.0294, -20.0598,
14.5750

■ 57.5403, -13.6732,
10.2841

■ 59.2452, -6.6768,
5.5909

■ 61.1372, 0.8481,
0.5500

■ 63.2079, 8.8219,
-4.7851

Harmonies

Analogous

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



51.4591, -20.1834, 33.0622



51.4580, -40.6110, 28.4733



51.4591, -49.8042, 13.5176

Triad

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



51.4591, -40.6117, 28.4735



51.4591, -14.8929, -92.2226



51.4591, 69.0097, 17.6321

Complementary

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



51.4580, -40.6110, 28.4733



34.4104, 54.5618, -35.9376

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.



51.4591, 71.4155, -10.8702



51.4580, -40.6110, 28.4733



51.4591, 17.3694, -88.5025

Square

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



51.4591, -40.6117, 28.4735



51.4591, -37.5497, -61.4576



51.4591, 50.7306, -53.1570



51.4591, 44.7875, 29.9223

Rectangle

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



51.4580, -40.6110, 28.4733



51.4591, -50.2616, -5.8386



51.4591, 50.7306, -53.1570



51.4591, 72.5775, 10.1617

Sweetspot

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



51.4591, -40.6117, 28.4735



75.9307, -25.1498, 18.3752



58.0375, -14.7661, 33.3608



35.7506, -12.9201, 9.3814



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.



51.4591, -40.6117, 28.4735



68.6544, -57.9511, 40.6014



52.2136, -35.9611, 17.4169



28.0997, -4.7852, 3.7442



45.1227, -38.6718, 27.0819



6.5429, -5.5928, 3.8952

Inverse Universe

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



34.4104, 54.5618, -35.9376



43.7540, 82.3863, -54.2807



31.9641, 44.9586, -2.5939



26.8350, 2.0077, -0.8609



28.4070, 55.7516, -36.7108



4.1214, 8.0941, -5.3685

Previews

White Background



This preview shows how the HunterLab color 51.4580, -40.6110, 28.4733 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 51.4580, -40.6110, 28.4733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

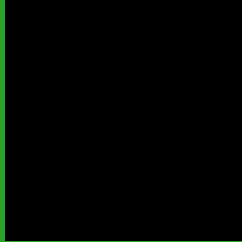
Any Text WCAG AA ✓ Pass

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 51.4580, -40.6110, 28.4733 Background



This preview shows how black text looks on a background with the HunterLab color 51.4580, -40.6110, 28.4733.



This preview shows how white text looks on a background with the HunterLab color 51.4580,

-40.6110, 28.4733.

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

51.4580, -40.6110, 28.4733

Protanopia

51.0408, -6.7834, 29.3935

Deuteranopia

51.0295, 3.4261, 27.4491



Tritanopia

51.2972, -17.8862, -8.7533

Trichromacy



Original Color

51.4580, -40.6110, 28.4733

Protanomaly

49.9646, -23.0968, 28.2076

Deuteranomaly

49.6109, -17.9060, 26.6502

Tritanomaly

50.8246, -28.8828, 10.4525

Monochromacy



Original Color

51.4580, -40.6110, 28.4733

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

43.1646, -19.5428, 13.8704

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.4580, -40.6110, 28.4733 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(41, 162, 42)` looks like.

```
.text, #text, p{  
    color:rgb(41, 162, 42)  
}
```

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(41, 162, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 162, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 51.4580, -40.6110, 28.4733 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(41, 162, 42) }
```


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

```
.border{ border-color:rgb(41, 162, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 162, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 162, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 162, 42);  
box-shadow:4px 4px 4px 4px rgb(41, 162,  
42) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.4580, -40.6110, 28.4733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 162, 42) }
```

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

```
.background{ background-color: rgb(41, 162,  
42) }
```

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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