

Converting Colors

HunterLab(52.4120, -46.8057,
20.9394)

Have a look what the booklet for
HunterLab(52.4120, -46.8057,
20.9394) contains.

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Color

**HunterLab(53.5816,
-41.2518, 22.0784)**

Conversions

Conversions Part 1

Format	Color
Hex	00A858
RGB	0, 168, 88
RGB Percent	0%, 66%, 35%
CMY	1.0000, 0.3412, 0.6549
CMYK	1.00, 0.00, 0.48, 0.34
HSL	151°, 100%, 33%
HSV	151°, 100%, 66%
XYZ	15.7641, 28.7099, 13.9433
YIQ	108.6480, -74.4480, -60.4960

Conversions

Conversions Part 2

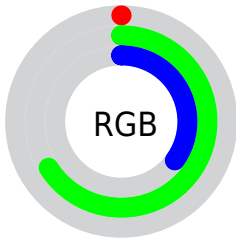
Format	Color
RYB	0, 110, 168
Decimal	43096
CIELab	60.53, -55.13, 31.13
CIELCh	61, 63.316, 150.550
Yxy	28.7110, 0.2699, 0.4915
Android (android.graphics.Color)	4278233176 (0xFF00A858)
YUV	108.6480, -10.1795, -95.2843
Hunter-Lab	53.5816, -41.2518, 22.0784

Details

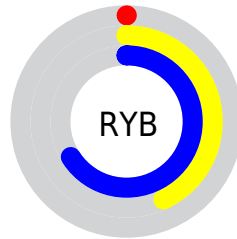
The HunterLab color **53.5816, -41.2518, 22.0784** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **29.8406, 53.0429, 4.2341**, and the grayscale version is **39.0310, -2.0826, 2.1206**.

A 20% lighter version of the original color is **75.7625, -48.6378, 26.7177**, and **34.9111, -28.3696, 17.6060** is the 20% darker color. If you saturate the color by 10%, you get **53.5826, -41.2528, 22.0794**, and if you desaturate by 10%, it is **53.8223, -39.9900, 20.2737**.

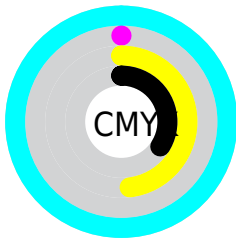
Distribution



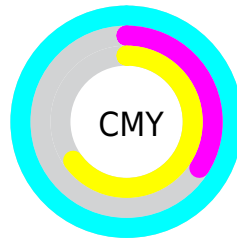
- Red (0%)
- Green (66%)
- Blue (35%)



- Red (0%)
- Yellow (43%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (48%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.5816, -41.2518, 22.0784 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 53.5816, -41.2518, 22.0784 by changing the saturation by 10% instead.

■ 53.5816, -41.2518,
22.0784

■ 53.5816, -41.2518,
22.0784

172.0026,
-71.3993, 41.7066

■ 43.4308, -37.1741,
19.5576

■ 75.9063, -48.7665,
26.8075

■ 34.0159, -32.7982,
16.8889

■ 88.0025, -52.2843,
29.0585

■ 25.4011, -28.0244,
14.0235

■ 100.6806,
-55.6800, 31.2541

■ 17.6690, -22.6989,
11.3692

■ 113.9151,
-58.9737, 33.4050

■ 10.9349, -19.1361,
7.6544

■ 127.6835,
-62.1810, 35.5196

■ 2.4126, -4.2220,
1.6888

■ 141.9659,

0.0000, NaN, NaN

-65.3145, 37.6046

0.0000, NaN, NaN

156.7443,
-68.3845, 39.6654

0.0000, NaN, NaN

■ 53.5816, -41.2518,
22.0784

■ 53.5816, -41.2518,
22.0784

■ 53.5826, -41.2528,
22.0794

■ 53.8223, -39.9900,
20.2737

■ 54.1658, -38.2772,
18.3700

■ 54.6487, -35.9806,
16.4121

■ 55.2840, -33.0670,
14.4286

■ 56.0805, -29.5277,
12.4472

■ 57.0436, -25.3741,
10.4942

■ 58.1759, -20.6340,
8.5936

■ 59.4774, -15.3477,
6.7665

■ 60.9459, -9.5639,
5.0304

Harmonies

Analogous

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



53.5827, -26.9589, 30.5210



53.5816, -41.2518, 22.0784



53.5827, -45.8046, 2.4368

Triad

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



53.5827, -41.2523, 22.0787



53.5827, -2.3588, -74.5980



53.5827, 50.0847, 22.5567

Complementary

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



53.5816, -41.2518, 22.0784



29.8406, 53.0429, 4.2341

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.



53.5827, 60.1765, 3.3921



53.5816, -41.2518, 22.0784



53.5827, 26.4274, -60.1352

Square

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



53.5827, -41.2523, 22.0787



53.5827, -26.2481, -61.0923



53.5827, 50.7677, -27.7995



53.5827, 25.3827, 30.6842

Rectangle

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



53.5816, -41.2518, 22.0784



53.5827, -43.5981, -17.6736



53.5827, 50.7677, -27.7995



53.5827, 55.4956, 17.6179

Sweetspot

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



53.5827, -41.2523, 22.0787



78.2760, -28.1692, 11.7157



54.5571, -38.4993, 32.9436



36.2463, -14.3879, 5.9475



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.



53.5827, -41.2523, 22.0787



72.1488, -55.7578, 30.1854



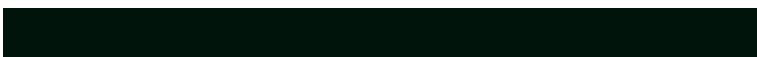
54.5994, -28.3326, -7.0821



29.1049, -4.3552, 2.3411



46.5735, -35.7786, 19.0228



7.3347, -5.1487, 1.9467

Inverse Universe

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



29.8406, 53.0429, 4.2341



40.1434, 71.2584, 6.4702



28.9588, 49.0521, 18.7026



27.5673, 1.4486, 0.7966



25.9504, 46.1658, 3.3967



4.1742, 7.6585, -1.2561

Previews

White Background



This preview shows how the HunterLab color 53.5816, -41.2518, 22.0784 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 53.5816, -41.2518, 22.0784 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 53.5816, -41.2518, 22.0784 Background



This preview shows how black text looks on a background with the HunterLab color 53.5816, -41.2518, 22.0784.



This preview shows how white text looks on a background with the HunterLab color 53.5816, -41.2518, 22.0784.

-41.2518, 22.0784.

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

53.5816, -41.2518, 22.0784

Protanopia

53.1045, -5.9714, 24.1448

Deuteranopia

53.1885, 3.4174, 20.7659



Tritanopia

53.7260, -21.0640, -10.3348

Trichromacy



Original Color

53.5816, -41.2518, 22.0784



Protanomaly

51.1602, -25.6134, 21.5922



Deuteranomaly

50.9558, -21.2359, 19.2457



Tritanomaly

53.1368, -30.3644, 4.0937

Monochromacy



Original Color

53.5816, -41.2518, 22.0784



Achromatopsia

39.1058, -2.0866, 2.1247



Achromatomaly

42.6264, -21.0548, 8.7726

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.5816, -41.2518, 22.0784 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(0, 168, 88)` looks like.

```
.text, #text, p{  
    color:rgb(0, 168, 88)  
}
```

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(0, 168, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 168, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 53.5816, -41.2518, 22.0784 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(0, 168, 88) }
```


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

```
.border{ border-color:rgb(0, 168, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 168, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 168, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 168, 88);  
box-shadow:4px 4px 4px 4px rgb(0, 168, 88)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 53.5816, -41.2518, 22.0784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 168, 88) }
```

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

```
.background{ background-color: rgb(0, 168,  
88) }
```

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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