

Converting Colors

HunterLab(52.7289, -41.0055,
22.6125)

Have a look what the booklet for
HunterLab(52.7289, -41.0055,
22.6125) contains.

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Color

**HunterLab(52.8176,
-41.0698, 22.6405)**

Conversions

Conversions Part 1

Format	Color
Hex	00A653
RGB	0, 166, 83
RGB Percent	0%, 65%, 33%
CMY	1.0000, 0.3490, 0.6745
CMYK	1.00, 0.00, 0.50, 0.35
HSL	150°, 100%, 33%
HSV	150°, 100%, 65%
XYZ	15.1976, 27.8970, 12.7673
YIQ	106.9040, -72.2930, -61.0050

Conversions

Conversions Part 2

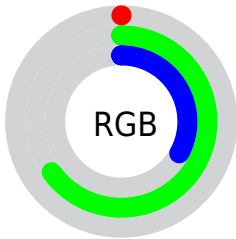
Format	Color
RYB	0, 111, 166
Decimal	42579
CIELab	59.80, -55.32, 32.79
CIELCh	60, 64.311, 149.344
Yxy	27.8981, 0.2721, 0.4994
Android (android.graphics.Color)	4278232659 (0xFF00A653)
YUV	106.9040, -11.7847, -93.7548
Hunter-Lab	52.8176, -41.0698, 22.6405

Details

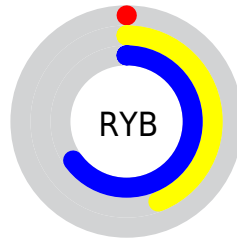
The HunterLab color $52.8176, -41.0698, 22.6405$ is a dark color, and the websafe version is hex 009933 . A complement of this color would be $29.5501, 52.7180, 2.7089$, and the grayscale version is $38.3723, -2.0474, 2.0848$.

A 20% lighter version of the original color is $74.9586, -48.4537, 27.5011$, and $34.2194, -28.0772, 17.8392$ is the 20% darker color. If you saturate the color by 10%, you get $52.8186, -41.0708, 22.6415$, and if you desaturate by 10%, it is $53.0562, -39.8182, 20.8588$.

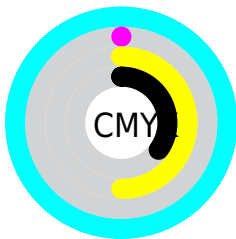
Distribution



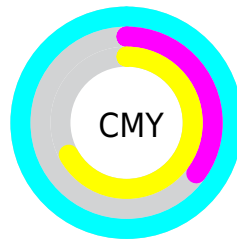
- Red (0%)
- Green (65%)
- Blue (33%)



- Red (0%)
- Yellow (44%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.8176, -41.0698, 22.6405 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 52.8176, -41.0698, 22.6405 by changing the saturation by 10% instead.

■ 52.8176, -41.0698,
22.6405

■ 52.8176, -41.0698,
22.6405

170.8742,
-71.3762, 43.0749

■ 42.7187, -36.9596,
19.9932

■ 75.0478, -48.6352,
27.5912

■ 33.3599, -32.5439,
17.1846

■ 87.1005, -52.1735,
29.9410

■ 24.8063, -27.7194,
14.1631

■ 99.7371, -55.5875,
32.2290

■ 17.1425, -22.3718,
11.6755

■ 112.9318,
-58.8976, 34.4668

■ 10.4871, -18.3525,
7.3410

■ 126.6620,
-62.1198, 36.6636

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 140.9075,

-65.2670, 38.8268

0.0000, NaN, NaN

155.6503,
-68.3496, 40.9622

0.0000, NaN, NaN

■ 52.8176, -41.0698,
22.6405

■ 52.8176, -41.0698,
22.6405

■ 52.8186, -41.0708,
22.6415

■ 53.0562, -39.8182,
20.8588

■ 53.3973, -38.1152,
18.9603

■ 53.8771, -35.8276,
16.9885

■ 54.5084, -32.9232,
14.9713

■ 55.3000, -29.3943,
12.9367

■ 56.2571, -25.2529,
10.9112

■ 57.3821, -20.5274,
8.9197

■ 58.6749, -15.2585,
6.9844

■ 60.1333, -9.4956,
5.1242

Harmonies

Analogous

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



52.8187, -26.3326, 30.6240



52.8176, -41.0698, 22.6405



52.8187, -46.0041, 3.4484

Triad

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



52.8187, -41.0704, 22.6408



52.8187, -3.4258, -76.2937



52.8187, 51.6755, 22.0731

Complementary

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



52.8176, -41.0698, 22.6405



29.5501, 52.7180, 2.7089

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.



52.8187, 61.1925, 2.2953



52.8176, -41.0698, 22.6405



52.8187, 25.6935, -62.5211

Square

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



52.8187, -41.0704, 22.6408



52.8187, -27.1859, -61.3485



52.8187, 50.8452, -29.7717



52.8187, 26.9600, 30.4342

Rectangle

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



52.8176, -41.0698, 22.6405



52.8187, -44.0525, -16.6649



52.8187, 50.8452, -29.7717



52.8187, 56.9579, 16.9791

Sweetspot

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



52.8187, -41.0704, 22.6408



77.2117, -28.0309, 12.1651



54.0751, -37.0178, 32.6725



36.2241, -14.5172, 6.2668



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.



52.8187, -41.0704, 22.6408



71.1249, -55.5153, 30.9417



54.7050, -29.5972, -4.4841



29.0998, -4.3836, 2.4139



46.5211, -36.1032, 19.7890



7.3273, -5.1941, 2.0541

Inverse Universe

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



29.5501, 52.7180, 2.7089



39.7545, 70.8245, 4.4196



28.4843, 48.8002, 18.2404



27.5727, 1.4774, 0.7203



26.0391, 46.4889, 2.1268



4.1870, 7.7042, -1.4329

Previews

White Background



This preview shows how the HunterLab color 52.8176, -41.0698, 22.6405 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 52.8176, -41.0698, 22.6405 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 52.8176, -41.0698, 22.6405 Background



This preview shows how black text looks on a background with the HunterLab color 52.8176, -41.0698, 22.6405.



This preview shows how white text looks on a background with the HunterLab color 52.8176, -41.0698, 22.6405.

-41.0698, 22.6405.

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

52.8176, -41.0698, 22.6405

Protanopia

52.3660, -5.7652, 24.6300

Deuteranopia

52.4535, 3.5747, 21.4507



Tritanopia

52.9797, -20.8399, -9.7259

Trichromacy



Original Color

52.8176, -41.0698, 22.6405



Protanomaly

50.4480, -25.2719, 22.1723



Deuteranomaly

50.1826, -21.1590, 19.8986



Tritanomaly

52.3908, -30.1088, 4.5448

Monochromacy



Original Color

52.8176, -41.0698, 22.6405



Achromatopsia

38.3441, -2.0459, 2.0833



Achromatomaly

41.8917, -20.8676, 9.0938

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.8176, -41.0698, 22.6405 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, 166, 83)` looks like.

```
.text, #text, p{  
    color:rgb(0, 166, 83)  
}
```

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, 166, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 166, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 52.8176, -41.0698, 22.6405 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, 166, 83) }
```


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

```
.border{ border-color:rgb(0, 166, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 166, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 166, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 166, 83);  
box-shadow:4px 4px 4px 4px rgb(0, 166, 83)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 52.8176, -41.0698, 22.6405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 166, 83) }
```

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

```
.background{ background-color: rgb(0, 166,  
83) }
```

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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