

Converting Colors

HunterLab(47.8326, -54.5644,
22.5541)

Have a look what the booklet for
HunterLab(47.8326, -54.5644,
22.5541) contains.

HunterLab(50.8526, -41.0075, 24.9620)	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(50.8526,
-41.0075, 24.9620)**

Conversions

Conversions Part 1

Format	Color
Hex	00A140
RGB	0, 161, 64
RGB Percent	0%, 63%, 25%
CMY	1.0000, 0.3686, 0.7490
CMYK	1.00, 0.00, 0.60, 0.37
HSL	144°, 100%, 32%
HSV	144°, 100%, 63%
XYZ	13.6702, 25.8599, 9.1214
YIQ	101.8030, -64.8190, -64.2990

Conversions

Conversions Part 2

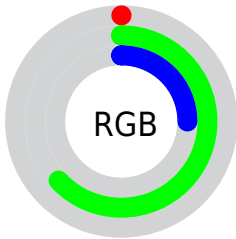
Format	Color
RYB	0, 115, 161
Decimal	41280
CIELab	57.90, -56.58, 39.91
CIELCh	58, 69.241, 144.804
Yxy	25.8609, 0.2810, 0.5315
Android (android.graphics.Color)	4278231360 (0xFF00A140)
YUV	101.8030, -18.6369, -89.2812
Hunter-Lab	50.8526, -41.0075, 24.9620

Details

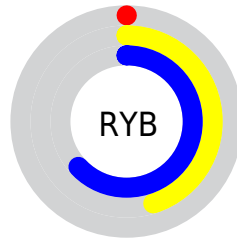
The HunterLab color $50.8526, -41.0075, 24.9620$ is a dark color, and the websafe version is hex 009933 . A complement of this color would be $29.0526, 52.7238, -4.2560$, and the grayscale version is $36.4634, -1.9456, 1.9811$.

A 20% lighter version of the original color is $72.8266, -48.7103, 30.8178$, and $32.7861, -27.8510, 19.1425$ is the 20% darker color. If you saturate the color by 10%, you get $50.8536, -41.0083, 24.9625$, and if you desaturate by 10%, it is $51.0805, -39.8152, 23.3196$.

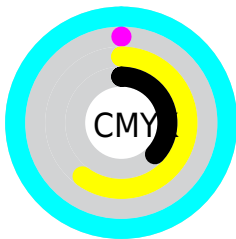
Distribution



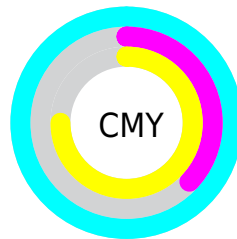
- Red (0%)
- Green (63%)
- Blue (25%)



- Red (0%)
- Yellow (45%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (60%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.8526, -41.0075, 24.9620 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 50.8526, -41.0075, 24.9620 by changing the saturation by 10% instead.

■ 50.8526, -41.0075,
24.9620

■ 50.8526, -41.0075,
24.9620

167.9579,
-72.1001, 48.8981

■ 40.8896, -36.7546,
21.7745

■ 72.8358, -48.8066,
30.8690

■ 31.6777, -32.1704,
18.3754

■ 84.7747, -52.4438,
33.6471

■ 23.2853, -27.1401,
14.8394

■ 97.3030, -55.9478,
36.3367

■ 15.8017, -21.9742,
11.0612

■ 110.3939,
-59.3408, 38.9531

■ 9.3547, -16.3708,
6.5483

■ 124.0244,
-62.6399, 41.5084

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 138.1739,

-65.8591, 44.0127

0.0000, NaN, NaN

152.8239,
-69.0094, 46.4737

0.0000, NaN, NaN

■ 50.8526, -41.0075,
24.9620

■ 50.8526, -41.0075,
24.9620

■ 50.8536, -41.0083,
24.9625

■ 51.0805, -39.8152,
23.3196

■ 51.4119, -38.1543,
21.4799

■ 51.8832, -35.8899,
19.4801

■ 52.5068, -32.9916,
17.3456

■ 53.2910, -29.4537,
15.1032

■ 54.2408, -25.2911,
12.7814

■ 55.3581, -20.5352,
10.4085

■ 56.6425, -15.2298,
8.0117

■ 58.0914, -9.4274,
5.6160

Harmonies

Analogous

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



50.8536, -24.2311, 31.3259



50.8526, -41.0075, 24.9620



50.8536, -47.4916, 7.3804

Triad

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



50.8536, -41.0081, 24.9623



50.8536, -7.7117, -84.5766



50.8536, 59.0928, 20.4905

Complementary

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



50.8526, -41.0075, 24.9620



29.0526, 52.7238, -4.2560

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.



50.8536, 66.3158, -2.3213



50.8526, -41.0075, 24.9620



50.8536, 23.1031, -73.7170

Square

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



50.8536, -41.0081, 24.9623



50.8536, -31.2502, -63.2613



50.8536, 51.9080, -38.7487



50.8536, 33.9429, 29.9565

Rectangle

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



50.8526, -41.0075, 24.9620



50.8536, -46.4789, -12.8929



50.8536, 51.9080, -38.7487



50.8536, 63.9071, 14.6318

Sweetspot

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



50.8536, -41.0081, 24.9623



73.9912, -27.8604, 14.1095



53.0655, -32.5784, 32.1283



34.3645, -14.2577, 7.1964



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



50.8536, -41.0081, 24.9623



68.0268, -55.0457, 33.8003



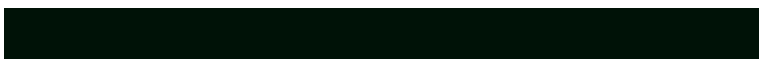
52.3931, -31.5745, 2.6738



28.1771, -4.3527, 2.6354



45.4546, -36.5956, 22.1852



6.6582, -4.8756, 2.2030

Inverse Universe

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



29.0526, 52.7238, -4.2560



38.8275, 70.3714, -4.9734



27.6111, 47.4519, 16.5421



26.7474, 1.5384, 0.3826



25.9790, 47.1746, -4.0248



3.8827, 7.2570, -2.2020

Previews

White Background



This preview shows how the HunterLab color 50.8526, -41.0075, 24.9620 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 50.8526, -41.0075, 24.9620 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 50.8526, -41.0075, 24.9620 Background



This preview shows how black text looks on a background with the HunterLab color 50.8526, -41.0075, 24.9620.



This preview shows how white text looks on a background with the HunterLab color 50.8526, -41.0075, 24.9620.

-41.0075, 24.9620.

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

50.8526, -41.0075, 24.9620

Protanopia

50.6267, -6.4541, 26.5497

Deuteranopia

50.5138, 3.4715, 23.9911



Tritanopia

50.8602, -19.5434, -9.3958

Trichromacy



Original Color

50.8526, -41.0075, 24.9620



Protanomaly

48.7754, -25.7548, 24.4077



Deuteranomaly

48.2315, -21.1900, 22.4279



Tritanomaly

50.4444, -30.0101, 6.9587

Monochromacy



Original Color

50.8526, -41.0075, 24.9620



Achromatopsia

36.4511, -1.9449, 1.9805



Achromatomaly

39.9929, -20.7825, 10.5923

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.8526, -41.0075, 24.9620 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, 161, 64)` looks like.

```
.text, #text, p{  
    color:rgb(0, 161, 64)  
}
```

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, 161, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 161, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 50.8526, -41.0075, 24.9620 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, 161, 64) }
```


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

```
.border{ border-color:rgb(0, 161, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 161, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 161, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 161, 64);  
box-shadow:4px 4px 4px 4px rgb(0, 161, 64)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 50.8526, -41.0075, 24.9620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 161, 64) }
```

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

```
.background{ background-color: rgb(0, 161,  
64) }
```

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