

Converting Colors

HunterLab(50.7462, -41.5692,
30.5418)

Have a look what the booklet for
HunterLab(50.7462, -41.5692,
30.5418) contains.

HunterLab(50.8754, -41.6388, 30.6202)	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(50.8754,
-41.6388, 30.6202)**

Conversions

Conversions Part 1

Format	Color
Hex	25A100
RGB	37, 161, 0
RGB Percent	15%, 63%, 0%
CMY	0.8549, 0.3686, 0.9999
CMYK	0.77, 0.00, 1.00, 0.37
HSL	106°, 100%, 32%
HSV	106°, 100%, 63%
XYZ	13.5078, 25.8831, 4.2840
YIQ	105.5700, -22.2230, -76.3590

Conversions

Conversions Part 2

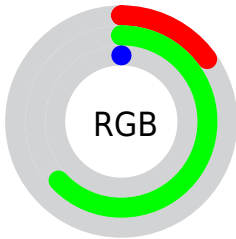
Format	Color
RYB	0, 161, 124
Decimal	2466048
CIELab	57.93, -57.72, 59.43
CIELCh	58, 82.849, 134.162
Yxy	25.8841, 0.3093, 0.5926
Android (android.graphics.Color)	4280656128 (0xFF25A100)
YUV	105.5700, -52.0460, -60.1359
Hunter-Lab	50.8754, -41.6388, 30.6202

Details

The HunterLab color **50.8754, -41.6388, 30.6202** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **26.1918, 54.6757, -59.2343**, and the grayscale version is **37.9997, -2.0276, 2.0646**.

A 20% lighter version of the original color is **72.8676, -49.5992, 39.0438**, and **32.7492, -28.0825, 19.6883** is the 20% darker color. If you saturate the color by 10%, you get **50.8762, -41.6406, 30.6207**, and if you desaturate by 10%, it is **51.1777, -40.2921, 30.2569**.

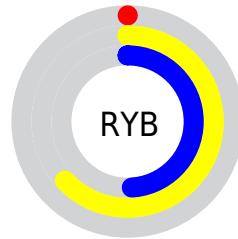
Distribution



Red (15%)

Green (63%)

Blue (0%)



Red (0%)

Yellow (63%)

Blue (49%)

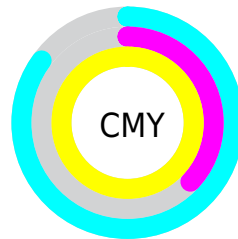


Cyan (77%)

Magenta (0%)

Yellow (100%)

Black (37%)



Cyan (85%)

Magenta (37%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.8754, -41.6388, 30.6202 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 50.8754, -41.6388, 30.6202 by changing the saturation by 10% instead.

■ 50.8754, -41.6388,
30.6202

■ 50.8754, -41.6388,
30.6202

167.9919,
-73.2693, 64.1821

■ 40.9109, -37.3042,
26.0540

■ 72.8615, -49.5832,
39.0729

■ 31.6972, -32.6298,
21.4089

■ 84.8018, -53.2856,
43.0201

■ 23.3029, -27.4991,
16.3120

■ 97.3313, -56.8511,
46.8168

■ 15.8172, -22.2939,
11.0720

■ 110.4235,
-60.3023, 50.4845

■ 9.3678, -16.3937,
6.5575

■ 124.0552,
-63.6569, 54.0412


0.0000, NaN, NaN

0.0000, NaN, NaN


■ 138.2057,


-66.9290, 57.5017


0.0000, NaN, NaN


 152.8568,
-70.1300, 60.8785


0.0000, NaN, NaN


 50.8754, -41.6388,
30.6202


 50.8754, -41.6388,
30.6202


 50.8762, -41.6406,
30.6207

 51.1777, -40.2921,
30.2569

 51.5888, -38.4374,
29.5277

 52.1256, -36.0003,
28.2697

 52.7949, -32.9650,
26.4377

 53.6010, -29.3336,
24.0092

■ 54.5461, -25.1231,
20.9801

■ 55.6306, -20.3621,
17.3613

■ 56.8532, -15.0882,
13.1759

■ 58.2115, -9.3451,
8.4556

Harmonies

Analogous

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



50.8765, -18.1641, 33.9531



50.8754, -41.6388, 30.6202



50.8765, -52.6377, 17.3312

Triad

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



50.8765, -41.6396, 30.6204



50.8765, -19.8190, -105.4047



50.8765, 80.4027, 16.0792

Complementary

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



50.8754, -41.6388, 30.6202



26.1918, 54.6757, -59.2343

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.



50.8765, 79.6048, -17.9941



50.8754, -41.6388, 30.6202



50.8765, 14.8250, -106.6895

Square

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



50.8765, -41.6396, 30.6204



50.8765, -42.5672, -65.1066



50.8765, 53.1976, -67.9288



50.8765, 55.1493, 30.2334

Rectangle

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



50.8754, -41.6388, 30.6202



50.8765, -53.9588, -2.1016



50.8765, 53.1976, -67.9288



50.8765, 83.3492, 7.2017

Sweetspot

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



50.8765, -41.6396, 30.6204



74.3581, -27.6328, 23.5314



46.7467, 1.5738, 28.8321



34.5462, -14.1498, 11.9496



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.



50.8765, -41.6396, 30.6204



68.0289, -55.9574, 40.9395



50.6606, -42.2147, 27.8091



28.2310, -4.3175, 3.9210



45.4838, -37.1386, 27.3767



6.7396, -4.7702, 4.0694

Inverse Universe

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



26.1918, 54.6757, -59.2343



34.9170, 72.9942, -79.7445



29.8118, 55.4441, -14.7919



26.6829, 1.5006, -1.0926



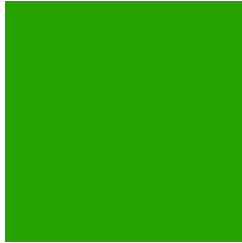
23.4460, 48.9171, -52.7961



3.6681, 7.4590, -6.7553

Previews

White Background



This preview shows how the HunterLab color 50.8754, -41.6388, 30.6202 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 50.8754, -41.6388, 30.6202 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 50.8754, -41.6388, 30.6202 Background



This preview shows how black text looks on a background with the HunterLab color 50.8754, -41.6388, 30.6202.



This preview shows how white text looks on a background with the HunterLab color 50.8754,

-41.6388, 30.6202.

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

50.8754, -41.6388, 30.6202

Protanopia

50.5303, -7.3815, 31.0073

Deuteranopia

50.3514, 3.6150, 29.2172



Tritanopia

50.9089, -17.8098, -8.7518

Trichromacy



Original Color

50.8754, -41.6388, 30.6202

Protanomaly

49.3742, -24.0644, 30.0029

Deuteranomaly

48.6714, -18.6839, 28.7393

Tritanomaly

50.0825, -30.8742, 15.1290

Monochromacy



Original Color

50.8754, -41.6388, 30.6202

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

41.3235, -21.0543, 17.4758

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.8754, -41.6388, 30.6202 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(37, 161, 0)` looks like.

```
.text, #text, p{  
    color:rgb(37, 161, 0)  
}
```

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(37, 161, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 161, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 50.8754, -41.6388, 30.6202 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(37, 161, 0) }
```


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

```
.border{ border-color:rgb(37, 161, 0) }
```

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

Here you see how a box with a 4 pixel rgb(37, 161, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 161, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 161, 0);  
box-shadow:4px 4px 4px 4px rgb(37, 161, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 50.8754, -41.6388, 30.6202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 161, 0) }
```

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

```
.background{ background-color: rgb(37, 161,  
0) }
```

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