

Converting Colors

HunterLab(46.1101, -57.0869,
22.0501)

Have a look what the booklet for
HunterLab(46.1101, -57.0869,
22.0501) contains.

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Color

**HunterLab(49.7690,
-40.4118, 25.0307)**

Conversions

Conversions Part 1

Format	Color
Hex	009E3B
RGB	0, 158, 59
RGB Percent	0%, 62%, 23%
CMY	1.0000, 0.3804, 0.7686
CMYK	1.00, 0.00, 0.63, 0.38
HSL	142°, 100%, 31%
HSV	142°, 100%, 62%
XYZ	13.0163, 24.7695, 8.2327
YIQ	99.4720, -62.3890, -64.2850

Conversions

Conversions Part 2

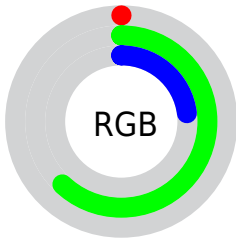
Format	Color
RYB	0, 115, 158
Decimal	40507
CIELab	56.85, -56.29, 41.03
CIELCh	57, 69.655, 143.908
Yxy	24.7705, 0.2828, 0.5382
Android (android.graphics.Color)	4278230587 (0xFF009E3B)
YUV	99.4720, -19.9527, -87.2369
Hunter-Lab	49.7690, -40.4118, 25.0307

Details

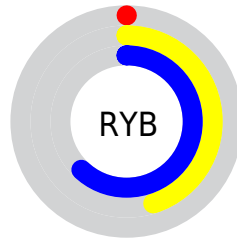
The HunterLab color $49.7690, -40.4118, 25.0307$ is a dark color, and the websafe version is hex 009933 . A complement of this color would be $28.5840, 52.1018, -5.9623$, and the grayscale version is $35.5909, -1.8990, 1.9337$.

A 20% lighter version of the original color is $71.6539, -48.2165, 31.1022$, and $31.7958, -27.1911, 18.9558$ is the 20% darker color. If you saturate the color by 10%, you get $49.7699, -40.4128, 25.0314$, and if you desaturate by 10%, it is $49.9916, -39.2505, 23.4587$.

Distribution



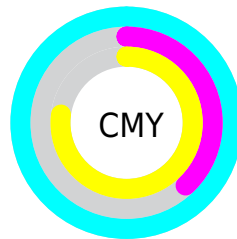
- Red (0%)
- Green (62%)
- Blue (23%)



- Red (0%)
- Yellow (45%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (63%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7690, -40.4118, 25.0307 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 49.7690, -40.4118, 25.0307 by changing the saturation by 10% instead.

■ 49.7690, -40.4118,
25.0307

■ 49.7690, -40.4118,
25.0307

166.3410,
-71.4752, 49.5882

■ 39.8826, -36.1498,
21.7414

■ 71.6134, -48.2157,
31.1137

■ 30.7535, -31.5488,
18.2297

■ 83.4885, -51.8512,
33.9689

■ 22.4521, -26.4893,
14.7448

■ 95.9560, -55.3520,
36.7299

■ 15.0709, -21.6474,
10.5496

■ 108.9888,
-58.7405, 39.4129

■ 8.7090, -15.2407,
6.0963

■ 122.5635,
-62.0344, 42.0308

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.6591,

-65.2476, 44.5939

0.0000, NaN, NaN

151.2572,
-68.3914, 47.1107

0.0000, NaN, NaN

■ 49.7690, -40.4118,
25.0307

■ 49.7690, -40.4118,
25.0307

■ 49.7699, -40.4128,
25.0314

■ 49.9916, -39.2505,
23.4587

■ 50.3162, -37.6246,
21.6736

■ 50.7790, -35.3992,
19.7107

■ 51.3922, -32.5447,
17.5936

■ 52.1639, -29.0558,
15.3485

■ 53.0989, -24.9478,
13.0034

■ 54.1991, -20.2524,
10.5869

■ 55.4638, -15.0135,
8.1267

■ 56.8906, -9.2832,
5.6487

Harmonies

Analogous

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



49.7700, -23.4454, 30.9884



49.7690, -40.4118, 25.0307



49.7700, -47.1144, 8.0542

Triad

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



49.7700, -40.4124, 25.0309



49.7700, -8.4819, -85.1385



49.7700, 59.8329, 19.8685

Complementary

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



49.7690, -40.4118, 25.0307



28.5840, 52.1018, -5.9623

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.



49.7700, 66.4460, -3.3035



49.7690, -40.4118, 25.0307



49.7700, 22.2234, -75.1181

Square

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



49.7700, -40.4124, 25.0309



49.7700, -31.6224, -62.7330



49.7700, 51.3742, -40.1855



49.7700, 34.9565, 29.4385

Rectangle

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



49.7690, -40.4118, 25.0307



49.7700, -46.3008, -11.9284



49.7700, 51.3742, -40.1855



49.7700, 64.4728, 13.9212

Sweetspot

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



49.7700, -40.4124, 25.0309



72.9430, -27.6853, 14.4604



52.1230, -31.3167, 31.5695



34.3445, -14.3742, 7.4840



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.



49.7700, -40.4124, 25.0309



67.0414, -54.6251, 34.1240



51.2436, -31.3710, 3.6713



27.2763, -4.2277, 2.6140



44.5477, -36.1158, 22.2830



6.0225, -4.4221, 2.0185

Inverse Universe

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



28.5840, 52.1018, -5.9623



38.4667, 70.0250, -7.3101



27.0627, 46.5457, 15.9288



25.9085, 1.5026, 0.3029



25.5951, 46.6818, -5.5486



3.5370, 6.6512, -2.3188

Previews

White Background



This preview shows how the HunterLab color 49.7690, -40.4118, 25.0307 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 49.7690, -40.4118, 25.0307 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 49.7690, -40.4118, 25.0307 Background



This preview shows how black text looks on a background with the HunterLab color 49.7690, -40.4118, 25.0307.



This preview shows how white text looks on a background with the HunterLab color 49.7690, -40.4118, 25.0307.

-40.4118, 25.0307.

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

49.7690, -40.4118, 25.0307

Protanopia

49.4416, -6.3401, 26.3156

Deuteranopia

49.3289, 3.5236, 23.8847



Tritanopia

49.7741, -19.0208, -9.2784

Trichromacy



Original Color

49.7690, -40.4118, 25.0307



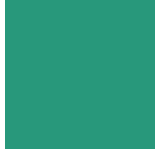
Protanomaly

47.6541, -25.3855, 24.4229



Deuteranomaly

47.1190, -20.7999, 22.3776



Tritanomaly

49.3332, -29.6045, 7.3597

Monochromacy



Original Color

49.7690, -40.4118, 25.0307



Achromatopsia

35.3231, -1.8847, 1.9192



Achromatomaly

38.8970, -20.4971, 10.8244

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7690, -40.4118, 25.0307 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, 158, 59)` looks like.

```
.text, #text, p{  
    color:rgb(0, 158, 59)  
}
```

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, 158, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 158, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7690, -40.4118, 25.0307 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, 158, 59) }
```


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

```
.border{ border-color:rgb(0, 158, 59) }
```

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

Here you see how a box with a 4 pixel rgb(0, 158, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 158, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 158, 59);  
box-shadow:4px 4px 4px 4px rgb(0, 158, 59)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 49.7690, -40.4118, 25.0307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 158, 59) }
```

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

```
.background{ background-color: rgb(0, 158,  
59) }
```

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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