

Converting Colors

HunterLab(30.9941, -25.3841,
16.0570)

Have a look what the booklet for
HunterLab(30.9941, -25.3841,
16.0570) contains.

HunterLab(30.9952, -25.3772, 16.0409)	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(30.9952,
-25.3772, 16.0409)**

Conversions

Conversions Part 1

Format	Color
Hex	006620
RGB	0, 102, 32
RGB Percent	0%, 40%, 13%
CMY	1.0000, 0.6000, 0.8745
CMYK	1.00, 0.00, 0.69, 0.60
HSL	139°, 100%, 20%
HSV	139°, 100%, 40%
XYZ	5.0121, 9.6070, 2.9567
YIQ	63.5220, -38.3220, -43.3940

Conversions

Conversions Part 2

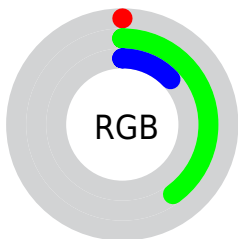
Format	Color
RYB	0, 78, 102
Decimal	26144
CIELab	37.13, -41.50, 31.48
CIELCh	37, 52.092, 142.814
Yxy	9.6074, 0.2852, 0.5466
Android (android.graphics.Color)	4278216224 (0xFF006620)
YUV	63.5220, -15.5403, -55.7088
Hunter-Lab	30.9952, -25.3772, 16.0409

Details

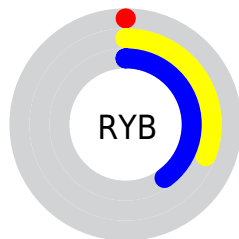
The HunterLab color **30.9952, -25.3772, 16.0409** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **18.0753, 33.4003, -7.2849**, and the grayscale version is **22.5390, -1.2026, 1.2246**.

A 20% lighter version of the original color is **50.0300, -31.8863, 21.2759**, and **15.9568, -13.6830, 9.5930** is the 20% darker color. If you saturate the color by 10%, you get **30.9958, -25.3777, 16.0412**, and if you desaturate by 10%, it is **31.1696, -24.5072, 15.1260**.

Distribution



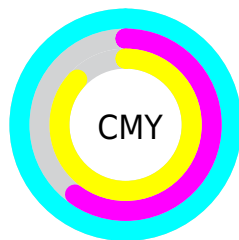
- Red (0%)
- Green (40%)
- Blue (13%)



- Red (0%)
- Yellow (31%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (69%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.9952, -25.3772, 16.0409 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 30.9952, -25.3772, 16.0409 by changing the saturation by 10% instead.

■ 30.9952, -25.3772,
16.0409

■ 30.9952, -25.3772,
16.0409

137.0572,
-51.1610, 37.1897

■ 22.6704, -21.6476,
13.0639

■ 50.0544, -31.9938,
21.3903

■ 15.2621, -17.4785,
10.6835

■ 60.6649, -35.0207,
23.8572

■ 8.8835, -15.5461,
6.2184

■ 71.9344, -37.9162,
26.2270

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 83.8263, -40.7073,
28.5202

0.0000, NaN, NaN

■ 96.3098, -43.4138,
30.7525

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.3580,

-46.0508, 32.9357

0.0000, NaN, NaN

■ 122.9474,
-48.6301, 35.0789

■ 30.9952, -25.3772,
16.0409

■ 30.9952, -25.3772,
16.0409

■ 30.9958, -25.3777,
16.0412

■ 31.1696, -24.5072,
15.1260

■ 31.3901, -23.4209,
14.0498

■ 31.6944, -21.9700,
12.8440

■ 32.0886, -20.1427,
11.5207

■ 32.5765, -17.9398,
10.0940

■ 33.1604, -15.3727,
8.5798

■ 33.8410, -12.4614,
6.9948

■ 34.6177, -9.2321,
5.3559

■ 35.4889, -5.7155,
3.6794

Harmonies

Analogous

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



30.9958, -14.3791, 19.5418



30.9952, -25.3772, 16.0409



30.9958, -29.8295, 5.6610

Triad

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



30.9958, -25.3776, 16.0410



30.9958, -6.0182, -54.8875



30.9958, 38.8449, 12.2197

Complementary

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



30.9952, -25.3772, 16.0409



18.0753, 33.4003, -7.2849

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.



30.9958, 42.5898, -2.8943



30.9952, -25.3772, 16.0409



30.9958, 13.5227, -49.1582

Square

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



30.9958, -25.3776, 16.0410



30.9958, -20.5003, -39.6929



30.9958, 32.4291, -26.8509



30.9958, 23.1536, 18.4232

Rectangle

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



30.9952, -25.3772, 16.0409



30.9958, -29.4608, -6.8793



30.9958, 32.4291, -26.8509



30.9958, 41.6735, 8.3438

Sweetspot

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



30.9958, -25.3776, 16.0410



44.7321, -16.8521, 9.4473



32.9514, -17.6888, 19.9947



21.5930, -8.7523, 4.8914



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



30.9958, -25.3776, 16.0410



41.0244, -33.7486, 21.5764



31.7904, -20.4868, 4.4902



17.7636, -2.6561, 1.7457



35.1168, -28.8178, 18.3163



80.1093, -66.3683, 43.1406

Inverse Universe

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



18.0753, 33.4003, -7.2849



23.8943, 44.0808, -9.0639



16.9614, 29.3525, 8.5858



16.9562, 0.8678, 0.1478



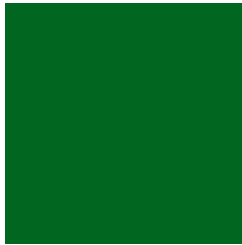
20.4665, 37.7899, -8.0180



46.5659, 85.6776, -15.8938

Previews

White Background



This preview shows how the HunterLab color 30.9952, -25.3772, 16.0409 looks on a white background.

Color Contrast Check

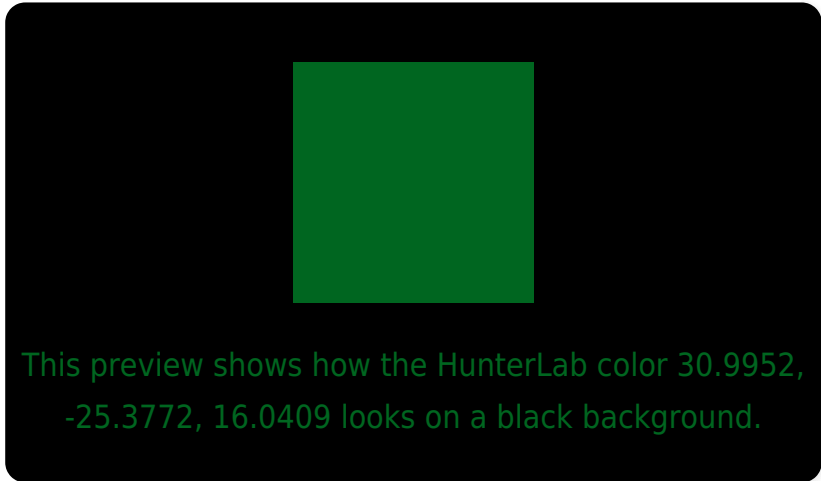
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 30.9952, -25.3772, 16.0409 Background



This preview shows how black text looks on a background with the HunterLab color 30.9952, -25.3772, 16.0409.



This preview shows how white text looks on a background with the HunterLab color 30.9952,

-25.3772, 16.0409.

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

30.9952, -25.3772, 16.0409

Protanopia

31.0805, -4.2167, 16.9821

Deuteranopia

30.8457, 1.7327, 15.5127



Tritanopia

31.0405, -11.4513, -5.5837

Trichromacy



Original Color

30.9952, -25.3772, 16.0409

Protanomaly

29.9024, -15.7801, 15.8447

Deuteranomaly

29.5041, -12.7376, 14.6032

Tritanomaly

30.8071, -18.3758, 5.1489

Monochromacy



Original Color

30.9952, -25.3772, 16.0409

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

24.8357, -12.8544, 7.3228

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.9952, -25.3772, 16.0409 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, 102, 32)` looks like.

```
.text, #text, p{  
    color:rgb(0, 102, 32)  
}
```

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, 102, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 102, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 30.9952, -25.3772, 16.0409 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, 102, 32) }
```


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

```
.border{ border-color:rgb(0, 102, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 102, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 102, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 102, 32);  
box-shadow:4px 4px 4px 4px rgb(0, 102, 32)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.9952, -25.3772, 16.0409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 102, 32) }
```

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

```
.background{ background-color: rgb(0, 102,  
32) }
```

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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