

Converting Colors

HunterLab(31.0673, -24.9274,
14.9797)

Have a look what the booklet for
HunterLab(31.0673, -24.9274,
14.9797) contains.

HunterLab(31.0632, -24.9532, 15.0405)	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(31.0632,
-24.9532, 15.0405)**

Conversions

Conversions Part 1

Format	Color
Hex	006627
RGB	0, 102, 39
RGB Percent	0%, 40%, 15%
CMY	1.0000, 0.6000, 0.8471
CMYK	1.00, 0.00, 0.62, 0.60
HSL	143°, 100%, 20%
HSV	143°, 100%, 40%
XYZ	5.1176, 9.6492, 3.5122
YIQ	64.3200, -40.5690, -41.2170

Conversions

Conversions Part 2

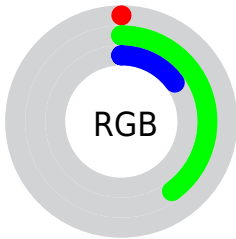
Format	Color
RYB	0, 74, 102
Decimal	26151
CIELab	37.21, -40.53, 28.07
CIELCh	37, 49.299, 145.296
Yxy	9.6496, 0.2800, 0.5279
Android (android.graphics.Color)	4278216231 (0xFF006627)
YUV	64.3200, -12.4828, -56.4086
Hunter-Lab	31.0632, -24.9532, 15.0405

Details

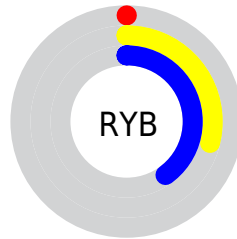
The HunterLab color **31.0632, -24.9532, 15.0405** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **17.8433, 32.5680, -4.0617**, and the grayscale version is **22.8072, -1.2169, 1.2392**.

A 20% lighter version of the original color is **50.0851, -31.4774, 19.8890**, and **15.9568, -13.6830, 9.5930** is the 20% darker color. If you saturate the color by 10%, you get **31.0638, -24.9537, 15.0408**, and if you desaturate by 10%, it is **31.2422, -24.0570, 14.0607**.

Distribution



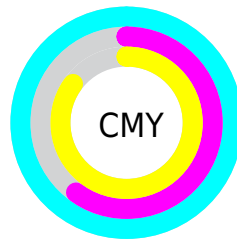
- Red (0%)
- Green (40%)
- Blue (15%)



- Red (0%)
- Yellow (29%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (62%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.0632, -24.9532, 15.0405 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 31.0632, -24.9532, 15.0405 by changing the saturation by 10% instead.

■ 31.0632, -24.9532,
15.0405

■ 31.0632, -24.9532,
15.0405

137.1688,
-50.2228, 34.3627

■ 22.7316, -21.3111,
12.3600

■ 50.1342, -31.4232,
19.8750

■ 15.3158, -17.2332,
10.2886

■ 60.7499, -34.3867,
22.1160

■ 8.9317, -15.6305,
6.2522

■ 72.0244, -37.2235,
24.2762

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 83.9211, -39.9599,
26.3737

0.0000, NaN, NaN

■ 96.4090, -42.6149,
28.4220

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.4615,

-45.2032, 30.4312

0.0000, NaN, NaN

123.0550,
-47.7361, 32.4093

31.0632, -24.9532,
15.0405

31.0632, -24.9532,
15.0405

31.0638, -24.9537,
15.0408

31.2422, -24.0570,
14.0607

31.4650, -22.9592,
12.9530

31.7691, -21.5134,
11.7530

32.1605, -19.7081,
10.4742

32.6428, -17.5437,
9.1312

■ 33.2185, -15.0308,
7.7394

■ 33.8882, -12.1880,
6.3142

■ 34.6515, -9.0399,
4.8704

■ 35.5069, -5.6151,
3.4217

Harmonies

Analogous

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



31.0638, -14.8889, 19.0196



31.0632, -24.9532, 15.0405



31.0638, -28.7936, 4.2271

Triad

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



31.0638, -24.9536, 15.0407



31.0638, -4.3975, -50.8715



31.0638, 35.4285, 12.5764

Complementary

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



31.0632, -24.9532, 15.0405



17.8433, 32.5680, -4.0617

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.



31.0638, 39.9893, -1.0790



31.0632, -24.9532, 15.0405



31.0638, 14.2385, -44.0436

Square

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



31.0638, -24.9536, 15.0407



31.0638, -18.7379, -38.3618



31.0638, 31.5111, -22.9231



31.0638, 20.1560, 18.2570

Rectangle

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



31.0632, -24.9532, 15.0405



31.0638, -28.1149, -8.1048



31.0638, 31.5111, -22.9231



31.0638, 38.3920, 9.0681

Sweetspot

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



31.0638, -24.9536, 15.0407



44.7960, -16.4814, 8.5257



32.5782, -19.1770, 19.7387



21.6262, -8.5586, 4.4117



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.



31.0638, -24.9536, 15.0407



41.1122, -33.2011, 20.2849



31.9599, -19.4606, 2.0630



17.7717, -2.6111, 1.6302



35.1930, -28.3428, 17.1958



80.2726, -65.3484, 40.7347

Inverse Universe

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



17.8433, 32.5680, -4.0617



23.5833, 42.9637, -4.7346



16.8984, 29.1198, 9.5140



16.9475, 0.8207, 0.2724



20.2021, 36.8406, -4.3402



45.9472, 83.4520, -7.2557

Previews

White Background



This preview shows how the HunterLab color 31.0632, -24.9532, 15.0405 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



This preview shows how the HunterLab color 31.0632, -24.9532, 15.0405 looks on a 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 31.0632, -24.9532, 15.0405 Background



This preview shows how black text looks on a background with the HunterLab color 31.0632, -24.9532, 15.0405.



This preview shows how white text looks on a background with the HunterLab color 31.0632,

-24.9532, 15.0405.

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

31.0632, -24.9532, 15.0405

Protanopia

31.1408, -3.8819, 16.0934

Deuteranopia

30.9136, 2.0966, 14.5153



Tritanopia

31.3312, -11.8413, -5.1839

Trichromacy



Original Color

31.0632, -24.9532, 15.0405

Protanomaly

29.9670, -15.3961, 14.8937

Deuteranomaly

29.5714, -12.3436, 13.6138

Tritanomaly

30.8774, -17.9530, 4.1393

Monochromacy



Original Color

31.0632, -24.9532, 15.0405

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

24.8918, -12.5214, 6.5098

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.0632, -24.9532, 15.0405 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, 39)` looks like.

```
.text, #text, p{  
    color:rgb(0, 102, 39)  
}
```

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, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 102, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 31.0632, -24.9532, 15.0405 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, 39) }
```


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

```
.border{ border-color:rgb(0, 102, 39) }
```

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, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 102, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 102, 39);  
box-shadow:4px 4px 4px 4px rgb(0, 102, 39)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.0632, -24.9532, 15.0405 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, 39) }
```

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

```
.background{ background-color: rgb(0, 102,  
39) }
```

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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