

Converting Colors

HunterLab(24.4474, -16.8089,
14.7701)

Have a look what the booklet for
HunterLab(24.4474, -16.8089,
14.7701) contains.

HunterLab(24.4648, -16.8468, 14.7802)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

**HunterLab(24.4648,
-16.8468, 14.7802)**

Conversions

Conversions Part 1

Format	Color
Hex	254F00
RGB	37, 79, 0
RGB Percent	15%, 31%, 0%
CMY	0.8549, 0.6902, 1.0000
CMYK	0.53, 0.00, 1.00, 0.69
HSL	92°, 100%, 15%
HSV	92°, 100%, 31%
XYZ	3.5589, 5.9853, 0.9677
YIQ	57.4360, 0.3270, -33.4730

Conversions

Conversions Part 2

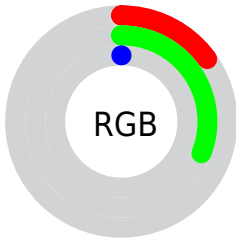
Format	Color
RYB	0, 79, 42
Decimal	2445056
CIELab	29.38, -28.31, 36.81
CIELCh	29, 46.433, 127.566
Yxy	5.9855, 0.3386, 0.5694
Android (android.graphics.Color)	4280635136 (0xFF254F00)
YUV	57.4360, -28.3159, -17.9224
Hunter-Lab	24.4648, -16.8468, 14.7802

Details

The HunterLab color $[24.4648, -16.8468, 14.7802]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[10.2807, 23.0957, -35.9228]$, and the grayscale version is $[20.4708, -1.0923, 1.1122]$.

A 20% lighter version of the original color is $[42.4432, -21.8218, 21.3961]$, and $[10.9639, -9.4015, 6.5913]$ is the 20% darker color. If you saturate the color by 10%, you get $[24.4653, -16.8476, 14.7804]$, and if you desaturate by 10%, it is $[24.6679, -15.9477, 14.3756]$.

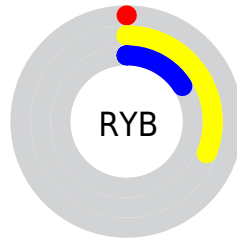
Distribution



Red (15%)

Green (31%)

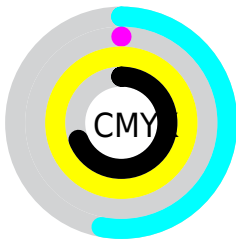
Blue (0%)



Red (0%)

Yellow (31%)

Blue (16%)

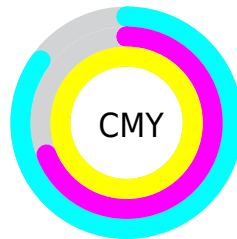


Cyan (53%)

Magenta (0%)

Yellow (100%)

Black (69%)



Cyan (85%)

Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.4648, -16.8468, 14.7802 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 24.4648, -16.8468, 14.7802 by changing the saturation by 10% instead.

■ 24.4648, -16.8468,
14.7802

■ 24.4648, -16.8468,
14.7802

■ 126.0739,
-36.3790, 39.6123

■ 16.8413, -14.0418,
11.7889

■ 42.3097, -21.7930,
21.2734

■ 10.2316, -12.7503,
7.1622

■ 52.3796, -24.0619,
24.2124

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.1417, -26.2419,
27.0050

0.0000, NaN, NaN

■ 74.5540, -28.3542,
29.6816

0.0000, NaN, NaN

■ 86.5815, -30.4141,
32.2651


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 99.1941, -32.4328,


34.7728


0.0000, NaN, NaN


 112.3658,
-34.4188, 37.2183


 24.4648, -16.8468,
14.7802


 24.4648, -16.8468,
14.7802


 24.4653, -16.8476,
14.7804

 24.6679, -15.9477,
14.3756

 24.8919, -14.9623,
13.9270

 25.1494, -13.8205,
13.2557

 25.4423, -12.5169,
12.3394

 25.7714, -11.0522,
11.1695

■ 26.1369, -9.4299,
9.7425

■ 26.5391, -7.6553,
8.0588

■ 26.9777, -5.7352,
6.1222

■ 27.4525, -3.6776,
3.9392

Harmonies

Analogous

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



24.4653, -5.0788, 16.3431



24.4648, -16.8468, 14.7802



24.4653, -23.0742, 9.8163

Triad

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



24.4653, -16.8473, 14.7803



24.4653, -11.5970, -41.5293



24.4653, 35.4357, 4.7527

Complementary

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



24.4648, -16.8468, 14.7802



10.2807, 23.0957, -35.9228

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.



24.4653, 32.4530, -12.0142



24.4648, -16.8468, 14.7802



24.4653, 2.7087, -46.1629

Square

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



24.4653, -16.8473, 14.7803



24.4653, -20.6063, -22.7657



24.4653, 19.4512, -33.0901



24.4653, 26.8119, 13.0212

Rectangle

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



24.4648, -16.8468, 14.7802



24.4653, -24.3906, 2.4961



24.4653, 19.4512, -33.0901



24.4653, 35.7883, 0.1071

Sweetspot

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



24.4653, -16.8473, 14.7803



34.5377, -10.2333, 10.7534



17.9881, 8.3258, 11.2297



17.1808, -5.3672, 5.6181



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



24.4653, -16.8473, 14.7803



31.8206, -22.2562, 19.2181



23.6540, -20.2395, 14.1262



13.7812, -1.6941, 1.8122



77.1177, -55.6118, 46.5460

Inverse Universe

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



10.2807, 23.0957, -35.9228



13.2287, 29.9060, -47.6645



14.8591, 29.1171, -18.8582



13.0132, 0.2961, -0.4275



31.3434, 71.8142, -120.3463

Previews

White Background



This preview shows how the HunterLab color 24.4648, -16.8468, 14.7802 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 24.4648, -16.8468, 14.7802 Background



This preview shows how black text looks on a background with the HunterLab color 24.4648, -16.8468, 14.7802.



This preview shows how white text looks on a background with the HunterLab color 24.4648,

-16.8468, 14.7802.

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

24.4648, -16.8468, 14.7802

Protanopia

24.2403, -3.6136, 14.8735

Deuteranopia

24.4133, 0.9433, 13.8693



Tritanopia

24.4090, -6.0580, -3.0332

Trichromacy



Original Color

24.4648, -16.8468, 14.7802

Protanomaly

24.1285, -9.4342, 14.7027

Deuteranomaly

24.0699, -6.8058, 14.0053

Tritanomaly

24.0789, -11.5180, 7.2053

Monochromacy



Original Color

24.4648, -16.8468, 14.7802

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

21.4151, -8.1021, 8.4331

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.4648, -16.8468, 14.7802 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, 79, 0)` looks like.

```
.text, #text, p{  
    color:rgb(37, 79, 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, 79, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 79, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 24.4648, -16.8468, 14.7802 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, 79, 0) }
```

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

```
.border{ border-color:rgb(37, 79, 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, 79, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 79, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(37, 79, 0); box-shadow:4px  
4px 4px 4px rgb(37, 79, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 24.4648, -16.8468, 14.7802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 79, 0) }
```

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

```
.background{ background-color: rgb(37, 79,  
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