

Converting Colors

HunterLab(24.6186, -17.1430,
16.7088)

Have a look what the booklet for
HunterLab(24.6186, -17.1430,
16.7088) contains.

HunterLab(24.5827, -16.3634, 14.8613)	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(24.5827,
-16.3634, 14.8613)**

Conversions

Conversions Part 1

Format	Color
Hex	284F00
RGB	40, 79, 0
RGB Percent	16%, 31%, 0%
CMY	0.8431, 0.6902, 1.0000
CMYK	0.49, 0.00, 1.00, 0.69
HSL	90°, 100%, 15%
HSV	90°, 100%, 31%
XYZ	3.6711, 6.0431, 0.9729
YIQ	58.3330, 2.1150, -32.8370

Conversions

Conversions Part 2

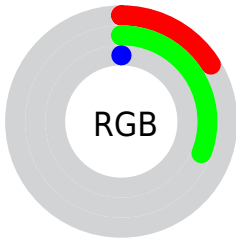
Format	Color
RYB	0, 79, 39
Decimal	2641664
CIELab	29.52, -27.20, 36.98
CIELCh	30, 45.906, 126.333
Yxy	6.0434, 0.3435, 0.5655
Android (android.graphics.Color)	4280831744 (0xFF284F00)
YUV	58.3330, -28.7582, -16.0780
Hunter-Lab	24.5827, -16.3634, 14.8613

Details

The HunterLab color **24.5827, -16.3634, 14.8613** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **9.9801, 22.7462, -37.3992**, and the grayscale version is **20.7794, -1.1087, 1.1290**.

A 20% lighter version of the original color is **42.5596, -21.3639, 21.4878**, and **10.9639, -9.4015, 6.5913** is the 20% darker color. If you saturate the color by 10%, you get **24.5832, -16.3642, 14.8615**, and if you desaturate by 10%, it is **24.7847, -15.4738, 14.4584**.

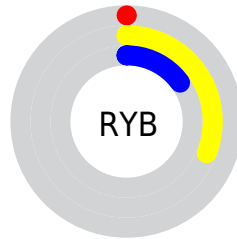
Distribution



Red (16%)

Green (31%)

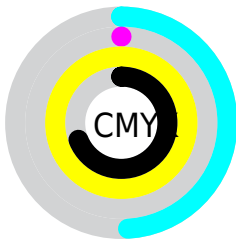
Blue (0%)



Red (0%)

Yellow (31%)

Blue (15%)

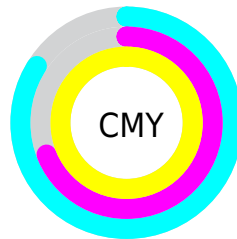


Cyan (49%)

Magenta (0%)

Yellow (100%)

Black (69%)



Cyan (84%)

Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.5827, -16.3634, 14.8613 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 24.5827, -16.3634, 14.8613 by changing the saturation by 10% instead.

■ 24.5827, -16.3634,
14.8613

■ 24.5827, -16.3634,
14.8613

■ 126.2774,
-35.2985, 39.7777

■ 16.9454, -13.6656,
11.8618

■ 42.4512, -21.1358,
21.3756

■ 10.3199, -12.2146,
7.2239

■ 52.5315, -23.3308,
24.3247

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.3033, -25.4428,
27.1272

0.0000, NaN, NaN

■ 74.7249, -27.4921,
29.8132


0.0000, NaN, NaN


■ 86.7611, -29.4928,
32.4056


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 99.3820, -31.4557,


 112.5617,
-33.3889, 37.3757


 24.5827, -16.3634,
14.8613


 24.5827, -16.3634,
14.8613


 24.5832, -16.3642,
14.8615

 24.7847, -15.4738,
14.4584

 25.0052, -14.5075,
14.0100

 25.2569, -13.3947,
13.3379

 25.5415, -12.1295,
12.4193

 25.8598, -10.7123,
11.2453

■ 26.2122, -9.1456,
9.8116

■ 26.5989, -7.4338,
8.1178

■ 27.0197, -5.5827,
6.1668

■ 27.4746, -3.5993,
3.9644

Harmonies

Analogous

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



24.5832, -4.4594, 16.3191



24.5827, -16.3634, 14.8613



24.5832, -22.7897, 10.0974

Triad

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



24.5832, -16.3639, 14.8614



24.5832, -11.9950, -40.2699



24.5832, 35.0719, 4.2159

Complementary

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



24.5827, -16.3634, 14.8613



9.9801, 22.7462, -37.3992

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.



24.5832, 31.6541, -12.6704



24.5827, -16.3634, 14.8613



24.5832, 2.0001, -45.5466

Square

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



24.5832, -16.3639, 14.8614



24.5832, -20.7301, -21.5386



24.5832, 18.5461, -33.3258



24.5832, 26.9935, 12.7799

Rectangle

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



24.5827, -16.3634, 14.8613



24.5832, -24.2368, 3.0534



24.5832, 18.5461, -33.3258



24.5832, 35.2524, -0.5104

Sweetspot

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



24.5832, -16.3639, 14.8614



34.6178, -9.9355, 10.8319



17.4942, 9.4199, 10.9445



17.2231, -5.2093, 5.6589



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.



24.5832, -16.3639, 14.8614



31.9740, -21.6255, 19.3236



23.6659, -20.2010, 14.2290



13.7907, -1.6602, 1.8233



77.4869, -54.0854, 46.8002

Inverse Universe

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



9.9801, 22.7462, -37.3992



12.8318, 29.4506, -49.6598



14.7344, 29.0634, -20.1787



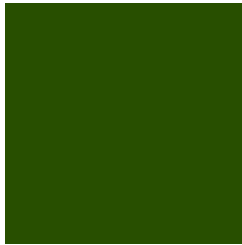
13.0031, 0.2615, -0.4410



30.3579, 70.7153, -125.5472

Previews

White Background



This preview shows how the HunterLab color 24.5827, -16.3634, 14.8613 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 24.5827, -16.3634, 14.8613 Background



This preview shows how black text looks on a background with the HunterLab color 24.5827, -16.3634, 14.8613.



This preview shows how white text looks on a background with the HunterLab color 24.5827,

-16.3634, 14.8613.

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

24.5827, -16.3634, 14.8613

Protanopia

24.5817, -3.6997, 15.0823

Deuteranopia

24.5123, 1.2781, 13.9410



Tritanopia

24.5106, -5.6854, -2.8895

Trichromacy



Original Color

24.5827, -16.3634, 14.8613

Protanomaly

24.2671, -8.9071, 14.7973

Deuteranomaly

24.2239, -6.2367, 14.1146

Tritanomaly

24.1729, -11.1518, 7.2986

Monochromacy



Original Color

24.5827, -16.3634, 14.8613

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

21.7573, -8.1517, 8.4945

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.5827, -16.3634, 14.8613 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(40, 79, 0)` looks like.

```
.text, #text, p{  
    color:rgb(40, 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(40, 79, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 79, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 24.5827, -16.3634, 14.8613 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(40, 79, 0) }
```

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

```
.border{ border-color:rgb(40, 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(40, 79, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 79, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(40, 79, 0); box-shadow:4px  
4px 4px 4px rgb(40, 79, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 24.5827, -16.3634, 14.8613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 79, 0) }
```

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

```
.background{ background-color: rgb(40, 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