

Converting Colors

HunterLab(24.4839, -16.1761,
10.9130)

Have a look what the booklet for
HunterLab(24.4839, -16.1761,
10.9130) contains.

HunterLab(24.5043, -16.1893, 10.9686)	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(24.5043,
-16.1893, 10.9686)**

Conversions

Conversions Part 1

Format	Color
Hex	1F4F23
RGB	31, 79, 35
RGB Percent	12%, 31%, 14%
CMY	0.8784, 0.6902, 0.8627
CMYK	0.61, 0.00, 0.56, 0.69
HSL	125°, 44%, 22%
HSV	125°, 61%, 31%
XYZ	3.6644, 6.0046, 2.5560
YIQ	59.6320, -14.4840, -23.8600

Conversions

Conversions Part 2

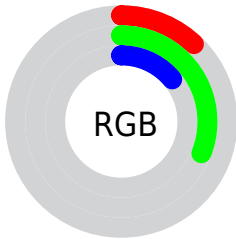
Format	Color
RYB	31, 75, 79
Decimal	2051875
CIELab	29.42, -26.88, 21.05
CIElCh	29, 34.144, 141.936
Yxy	6.0049, 0.2997, 0.4912
Android (android.graphics.Color)	4280241955 (0xFF1F4F23)
YUV	59.6320, -12.1436, -25.1103
Hunter-Lab	24.5043, -16.1893, 10.9686

Details

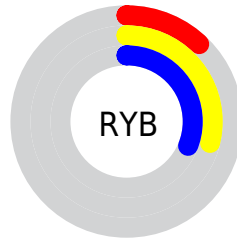
The HunterLab color $[24.5043, -16.1893, 10.9686]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[17.7491, 19.0681, -10.9655]$, and the grayscale version is $[21.1748, -1.1298, 1.1505]$.

A 20% lighter version of the original color is $[42.4265, -21.0507, 14.8957]$, and $[10.9639, -9.4015, 6.5913]$ is the 20% darker color. If you saturate the color by 10%, you get $[24.2038, -17.5882, 11.9519]$, and if you desaturate by 10%, it is $[24.8807, -14.4762, 9.8036]$.

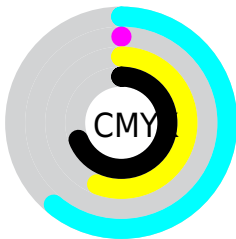
Distribution



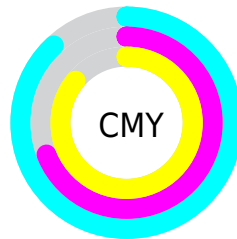
- Red (12%)
- Green (31%)
- Blue (14%)



- Red (12%)
- Yellow (29%)
- Blue (31%)



- Cyan (61%)
- Magenta (0%)
- Yellow (56%)
- Black (69%)



- Cyan (88%)
- Magenta (69%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.5043, -16.1893, 10.9686 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 24.5043, -16.1893, 10.9686 by changing the saturation by 10% instead.

■ 24.5043, -16.1893,
10.9686

■ 24.5043, -16.1893,
10.9686

126.1421,
-34.9643, 26.9661

■ 16.8761, -13.5177,
8.7579

■ 42.3571, -20.9168,
14.9356

■ 10.2612, -12.1217,
7.1828

■ 52.4304, -23.0922,
16.7744

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.1958, -25.1860,
18.5523

0.0000, NaN, NaN

■ 74.6113, -27.2181,
20.2856

0.0000, NaN, NaN

■ 86.6416, -29.2027,
21.9861

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.2570, -31.1503,

112.4314,
-33.0687, 25.3206

24.5043, -16.1893,
10.9686

24.5043, -16.1893,
10.9686

24.2038, -17.5882,
11.9519

24.8807, -14.4762,
9.8036

23.9746, -18.6716,
12.7490

25.3331, -12.4572,
8.4653

23.8098, -19.4620,
13.3592

25.8625, -10.1494,
6.9664

23.6783, -20.0866,
13.7653

26.4682, -7.5748,
5.3224

27.1489, -4.7592,
3.5499

■ 27.9024, -1.7302,
1.6665

■ 28.7261, 1.4845,
-0.3109

■ 29.6170, 4.8580,
-2.3660

■ 30.5719, 8.3652,
-4.4841

Harmonies

Analogous

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



24.5048, -8.9162, 13.8111



24.5043, -16.1893, 10.9686



24.5048, -19.3397, 4.0625

Triad

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



24.5048, -16.1897, 10.9688



24.5048, -4.2860, -29.2671



24.5048, 22.3064, 7.8726

Complementary

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



24.5043, -16.1893, 10.9686



17.7491, 19.0681, -10.9655

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.



24.5048, 24.1587, -1.7498



24.5043, -16.1893, 10.9686



24.5048, 7.3571, -26.6665

Square

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



24.5048, -16.1897, 10.9688



24.5048, -13.3287, -21.1873



24.5048, 18.2743, -15.1588



24.5048, 13.5947, 12.6721

Rectangle

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



24.5043, -16.1893, 10.9686



24.5048, -19.1646, -3.3426



24.5048, 18.2743, -15.1588



24.5048, 23.8084, 5.2387

Sweetspot

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



24.5048, -16.1897, 10.9688



34.6837, -9.1188, 6.4600



26.8086, -7.3303, 13.5241



17.2409, -4.8510, 3.4139



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.



24.5048, -16.1897, 10.9688



31.3962, -23.6574, 16.1102



24.8983, -13.8157, 5.2471



13.6728, -2.0665, 1.5798



30.8567, -26.2441, 18.0852



75.0754, -64.1515, 44.6469

Inverse Universe

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



17.7491, 19.0681, -10.9655



21.1527, 30.3715, -17.3128



16.9745, 15.6400, -0.2065



13.1333, 0.6871, -0.1473



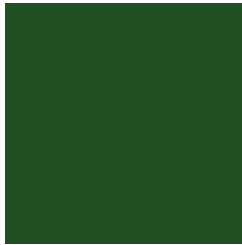
19.0367, 36.7987, -20.2403



46.2731, 89.3395, -48.3573

Previews

White Background



This preview shows how the HunterLab color 24.5043, -16.1893, 10.9686 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 24.5043, -16.1893, 10.9686 Background



This preview shows how black text looks on a background with the HunterLab color 24.5043, -16.1893, 10.9686.



This preview shows how white text looks on a background with the HunterLab color 24.5043,

-16.1893, 10.9686.

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

24.5043, -16.1893, 10.9686

Protanopia

24.3686, -2.7283, 11.6433

Deuteranopia

24.3469, 1.1663, 10.3486



Tritanopia

24.4315, -7.3087, -3.4912

Trichromacy



Original Color

24.5043, -16.1893, 10.9686

Protanomaly

24.1569, -8.8714, 11.1986

Deuteranomaly

24.0213, -6.4948, 10.1621

Tritanomaly

24.3949, -11.1604, 3.0479

Monochromacy



Original Color

24.5043, -16.1893, 10.9686

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

22.1502, -7.5652, 5.1329

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.5043, -16.1893, 10.9686 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(31, 79, 35)` looks like.

```
.text, #text, p{  
    color:rgb(31, 79, 35)  
}
```

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(31, 79, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 79, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 24.5043, -16.1893, 10.9686 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(31, 79, 35) }
```


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

```
.border{ border-color:rgb(31, 79, 35) }
```

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

Here you see how a box with a 4 pixel rgb(31, 79, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 79, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 79, 35);  
box-shadow:4px 4px 4px 4px rgb(31, 79, 35)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.5043, -16.1893, 10.9686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 79, 35) }
```

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

```
.background{ background-color: rgb(31, 79,  
35) }
```

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