

Converting Colors

HunterLab(23.7294, -16.5882,
12.3061)

Have a look what the booklet for
HunterLab(23.7294, -16.5882,
12.3061) contains.

| | |
|--|----|
| HunterLab(23.7294, -16.5882, 12.3061) | 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(23.7294,
-16.5882, 12.3061)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 1D4D17 |
| RGB | 29, 77, 23 |
| RGB Percent | 11%, 30%, 9% |
| CMY | 0.8863, 0.6980, 0.9098 |
| CMYK | 0.62, 0.00, 0.70, 0.70 |
| HSL | 113°, 54%, 20% |
| HSV | 113°, 70%, 30% |
| XYZ | 3.3152, 5.6308, 1.7228 |
| YIQ | 56.4920, -11.2740, -26.9700 |

Conversions

Conversions Part 2

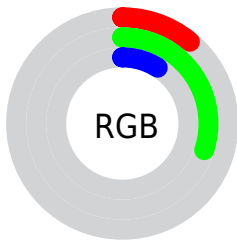
| Format | Color |
|-------------------------------------|---|
| RYB | 23, 77, 71 |
| Decimal | 1920279 |
| CIELab | 28.46, -28.28, 26.45 |
| CIELCh | 28, 38.719, 136.915 |
| Yxy | 5.6311, 0.3107, 0.5278 |
| Android (android.graphics.Color) | 4280110359 (0xFF1D4D17) |
| YUV | 56.4920, -16.5116, -24.1105 |
| Hunter-Lab | 23.7294, -16.5882, 12.3061 |

Details

The HunterLab color **23.7294, -16.5882, 12.3061** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **15.7749, 20.4267, -16.3124**, and the grayscale version is **20.1118, -1.0731, 1.0927**.

A 20% lighter version of the original color is **41.5580, -21.6652, 17.1960**, and **10.6961, -9.1719, 6.4303** is the 20% darker color. If you saturate the color by 10%, you get **23.4855, -17.7154, 12.9919**, and if you desaturate by 10%, it is **24.0367, -15.1849, 11.3984**.

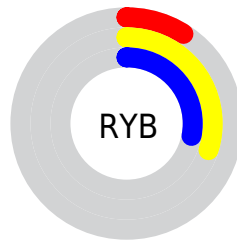
Distribution



Red (11%)

Green (30%)

Blue (9%)



Red (9%)

Yellow (30%)

Blue (28%)

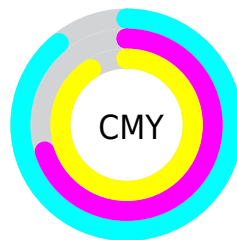


Cyan (62%)

Magenta (0%)

Yellow (70%)

Black (70%)



Cyan (89%)

Magenta (70%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.7294, -16.5882, 12.3061 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 23.7294, -16.5882, 12.3061 by changing the saturation by 10% instead.

■ 23.7294, -16.5882,
12.3061

■ 23.7294, -16.5882,
12.3061

124.7993,
-36.1700, 31.3408

■ 16.1928, -13.7574,
9.9570

■ 41.4255, -21.5613,
17.1639

■ 9.6839, -13.2589,
6.7787

■ 51.4298, -23.8376,
19.3819

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.1305, -26.0228,
21.5069

0.0000, NaN, NaN

■ 73.4850, -28.1388,
23.5613

0.0000, NaN, NaN

■ 85.4575, -30.2014,
25.5613

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.0178, -32.2219,

111.1394,
-34.2092, 29.4429

23.7294, -16.5882,
12.3061

23.7294, -16.5882,
12.3061

23.4855, -17.7154,
12.9919

24.0367, -15.1849,
11.3984

23.2999, -18.5752,
13.4766

24.4079, -13.5072,
10.2661

23.1586, -19.2460,
13.9333

24.8443, -11.5649,
8.9127

25.3461, -9.3725,
7.3468

25.9124, -6.9485,
5.5805

■ 26.5422, -4.3138,
3.6288

■ 27.2336, -1.4908,
1.5083

■ 27.9845, 1.4980,
-0.7640

■ 28.7925, 4.6308,
-3.1707

Harmonies

Analogous

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



23.7299, -7.9581, 14.5097



23.7294, -16.5882, 12.3061



23.7299, -20.6649, 5.9687

Triad

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



23.7299, -16.5886, 12.3062



23.7299, -6.5429, -34.2653



23.7299, 26.8815, 7.1016

Complementary

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



23.7294, -16.5882, 12.3061



15.7749, 20.4267, -16.3124

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.



23.7299, 27.4844, -4.5872



23.7294, -16.5882, 12.3061



23.7299, 6.2579, -33.3765

Square

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



23.7299, -16.5886, 12.3062



23.7299, -15.7410, -22.6840



23.7299, 19.3129, -20.6637



23.7299, 17.8067, 12.7600

Rectangle

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



23.7294, -16.5882, 12.3061



23.7299, -20.9577, -1.6766



23.7299, 19.3129, -20.6637



23.7299, 28.1396, 3.9200

Sweetspot

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



23.7299, -16.5886, 12.3062



33.6328, -9.5863, 7.6621



24.7151, -3.8920, 13.2163



17.1862, -5.1503, 4.1006



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.



23.7299, -16.5886, 12.3062



30.4228, -23.8851, 17.3796



23.8113, -15.7589, 8.5361



13.6928, -2.0086, 1.7093



30.9454, -25.9259, 18.6145



75.1856, -63.7436, 45.2131

Inverse Universe

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



15.7749, 20.4267, -16.3124



18.6003, 31.6586, -25.9723



15.7455, 18.7933, -4.2031



13.1104, 0.6254, -0.2992



17.7954, 35.8657, -30.2883



43.0392, 86.9147, -74.5813

Previews

White Background



This preview shows how the HunterLab color 23.7294, -16.5882, 12.3061 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

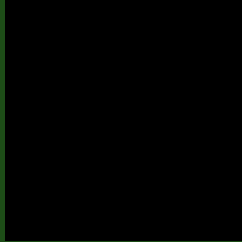
Any Text WCAG AA × Fail

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 23.7294, -16.5882, 12.3061 Background



This preview shows how black text looks on a background with the HunterLab color 23.7294, -16.5882, 12.3061.



This preview shows how white text looks on a background with the HunterLab color 23.7294,

-16.5882, 12.3061.

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

23.7294, -16.5882, 12.3061

Protanopia

23.5811, -3.1533, 12.8113

Deuteranopia

23.6424, 0.9833, 11.8305



Tritanopia

23.7828, -7.0426, -3.4372

Trichromacy



Original Color

23.7294, -16.5882, 12.3061

Protanomaly

23.3670, -9.3163, 12.4354

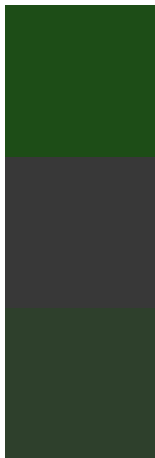
Deuteranomaly

23.2112, -7.0556, 11.6828

Tritanomaly

23.6566, -11.4025, 4.3449

Monochromacy



Original Color

23.7294, -16.5882, 12.3061

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

21.0463, -7.8698, 6.1181

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.7294, -16.5882, 12.3061 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(29, 77, 23)` looks like.

```
.text, #text, p{  
    color:rgb(29, 77, 23)  
}
```

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(29, 77, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 77, 23) }
```

Border

The CSS property to change the border of an element to HunterLab 23.7294, -16.5882, 12.3061 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(29, 77, 23) }
```


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

```
.border{ border-color:rgb(29, 77, 23) }
```

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

Here you see how a box with a 4 pixel rgb(29, 77, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 77, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 77, 23);  
box-shadow:4px 4px 4px 4px rgb(29, 77, 23)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.7294, -16.5882, 12.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 77, 23) }
```

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

```
.background{ background-color: rgb(29, 77,  
23) }
```

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