

Converting Colors

HunterLab(24.5324, 19.8988,
12.5915)

Have a look what the booklet for
HunterLab(24.5324, 19.8988,
12.5915) contains.

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Color

**HunterLab(24.4633, 20.0487,
12.6079)**

Conversions

Conversions Part 1

Format	Color
Hex	75301D
RGB	117, 48, 29
RGB Percent	46%, 19%, 11%
CMY	0.5412, 0.8117, 0.8863
CMYK	0.00, 0.59, 0.75, 0.54
HSL	13°, 60%, 29%
HSV	13°, 75%, 46%
XYZ	8.6148, 5.9845, 1.8635
YIQ	66.4650, 47.2230, 8.7190

Conversions

Conversions Part 2

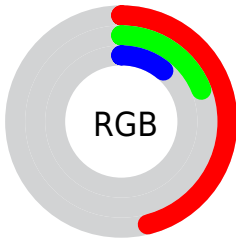
Format	Color
R_{YB}	117, 53, 29
Decimal	7680029
CIE Lab	29.37, 29.02, 26.69
CIE LCh	29, 39.428, 42.604
Yxy	5.9849, 0.5233, 0.3635
Android (android.graphics.Color)	4285870109 (0xFF75301D)
YUV	66.4650, -18.4702, 44.3192
Hunter-Lab	24.4633, 20.0487, 12.6079

Details

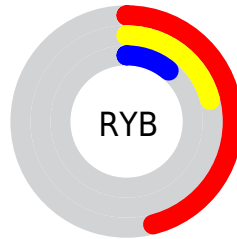
The HunterLab color **24.4633, 20.0487, 12.6079** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **32.0628, -11.0995, -11.5583**, and the grayscale version is **23.5556, -1.2569, 1.2798**.

A 20% lighter version of the original color is **42.2597, 22.6645, 17.3476**, and **10.2799, 17.6046, 6.6426** is the 20% darker color. If you saturate the color by 10%, you get **22.9418, 23.3380, 13.1426**, and if you desaturate by 10%, it is **26.2369, 16.6972, 11.7804**.

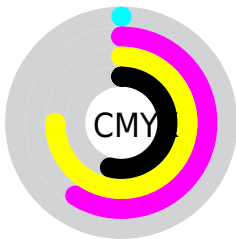
Distribution



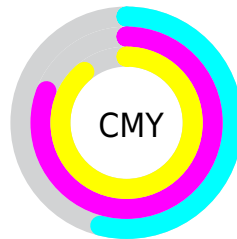
- Red (46%)
- Green (19%)
- Blue (11%)



- Red (46%)
- Yellow (21%)
- Blue (11%)



- Cyan (0%)
- Magenta (59%)
- Yellow (75%)
- Black (54%)



- Cyan (54%)
- Magenta (81%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.4633, 20.0487, 12.6079 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 24.4633, 20.0487, 12.6079 by changing the saturation by 10% instead.

■ 24.4633, 20.0487,
12.6079

■ 24.4633, 20.0487,
12.6079

126.0715, 26.7936,
31.7114

■ 16.8401, 18.7162,
10.1353

■ 42.3081, 22.2802,
17.4735

■ 10.2306, 17.2607,
7.1614

■ 52.3778, 23.2062,
19.6986

0.0000, INF, NaN

0.0000, NaN, NaN

■ 63.1398, 24.0227,
21.8318

0.0000, NaN, NaN

■ 74.5521, 24.7406,
23.8950

0.0000, NaN, NaN

■ 86.5794, 25.3694,
25.9040

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.1919, 25.9168,

■ 112.3636, 26.3897,
29.8042

■ 24.4633, 20.0487,
12.6079

■ 24.4633, 20.0487,
12.6079

■ 22.9418, 23.3380,
13.1426

■ 26.2369, 16.6972,
11.7804

■ 21.6921, 26.4079,
13.3893

■ 28.2330, 13.3973,
10.7092

■ 21.1863, 27.7094,
13.5400

■ 30.4250, 10.2135,
9.4449

■ 32.7878, 7.1795,
8.0308

■ 35.2997, 4.3071,
6.5014

■ 37.9419, 1.5941,
4.8827

■ 40.6987, -0.9693,
3.1944

■ 43.5568, -3.3961,
1.4505

■ 46.5052, -5.7007,
-0.3385

Harmonies

Analogous

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



24.4640, 28.3258, 5.9901



24.4633, 20.0487, 12.6079



24.4640, 6.6596, 14.9185

Triad

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



24.4640, 20.0468, 12.6083



24.4640, -20.9477, 7.4491



24.4640, 4.4153, -35.3122

Complementary

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



24.4633, 20.0487, 12.6079



32.0628, -11.0995, -11.5583

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.



24.4640, -8.3683, -34.1704



24.4633, 20.0487, 12.6079



24.4640, -21.3002, -4.4729

Square

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



24.4640, 20.0468, 12.6083



24.4640, -16.0853, 13.1938



24.4640, -17.1769, -20.9741



24.4640, 18.1097, -23.5705

Rectangle

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



24.4633, 20.0487, 12.6079



24.4640, -2.4366, 15.2172



24.4640, -17.1769, -20.9741



24.4640, -0.1558, -36.5476

Sweetspot

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



24.4640, 20.0468, 12.6083



47.7984, 5.1619, 8.3567



23.5991, 34.6937, -14.7605



22.4380, 2.9948, 4.3013



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



24.4640, 20.0468, 12.6083



29.4741, 34.2061, 17.8288



33.5925, 1.0709, 18.6666



19.5380, -0.0028, 1.8967



22.1922, 29.2254, 14.1864



47.8965, 67.8842, 30.7020

Inverse Universe

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



32.0628, -11.0995, -11.5583



40.7865, -14.1876, -18.9252



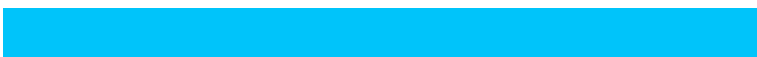
20.7754, 7.4866, -35.0964



20.0687, -2.0378, 0.2466



31.2648, -10.6514, -16.0850



68.0777, -22.2147, -37.1361

Previews

White Background



This preview shows how the HunterLab color 24.4633, 20.0487, 12.6079 looks on a white background.

Color Contrast Check

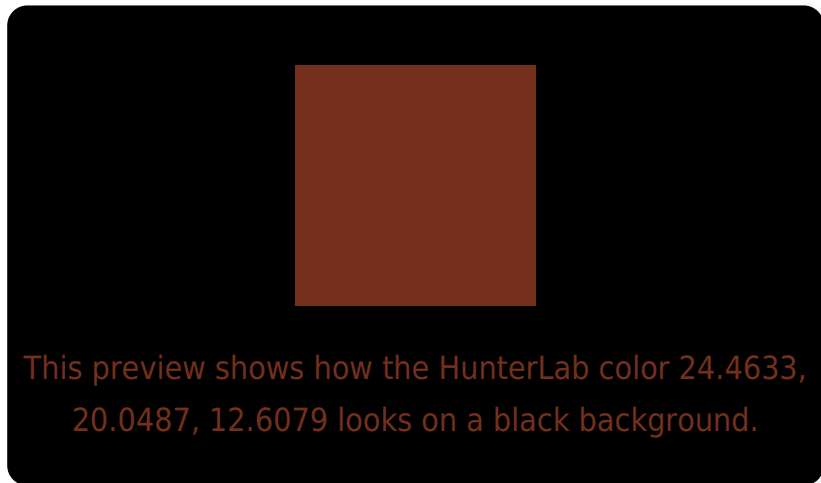
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4633, 20.0487, 12.6079 Background



This preview shows how black text looks on a background with the HunterLab color 24.4633, 20.0487, 12.6079.

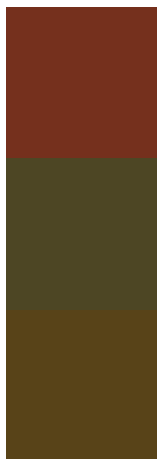


This preview shows how white text looks on a background with the HunterLab color 24.4633, 20.0487,

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

24.4633, 20.0487, 12.6079

Protanopia

24.6688, -2.8725, 11.1390

Deuteranopia

24.8092, 1.1674, 13.2426



Tritanopia

24.5505, 22.4918, 8.5043

Trichromacy



Original Color

24.4633, 20.0487, 12.6079

Protanomaly

24.1461, 5.1358, 11.4356

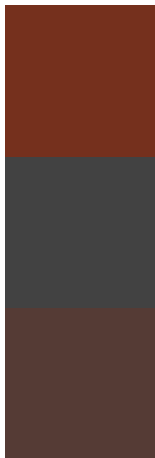
Deuteranomaly

24.4110, 8.0859, 12.8098

Tritanomaly

24.6003, 21.5689, 10.2568

Monochromacy



Original Color

24.4633, 20.0487, 12.6079

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

23.0570, 5.7355, 5.6470

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.4633, 20.0487, 12.6079 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(117, 48, 29)` looks like.

```
.text, #text, p{  
    color:rgb(117, 48, 29)  
}
```

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(117, 48, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 48, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 24.4633, 20.0487, 12.6079 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(117, 48, 29) }
```


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

```
.border{ border-color:rgb(117, 48, 29) }
```

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

Here you see how a box with a 4 pixel rgb(117, 48, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 48, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 48, 29);  
box-shadow:4px 4px 4px 4px rgb(117, 48,  
29) }
```

Background

The CSS property to change the background color of an element to HunterLab 24.4633, 20.0487, 12.6079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 48, 29) }
```

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

```
.background{ background-color: rgb(117, 48,  
29) }
```

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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