

# Converting Colors

HunterLab(26.2487, 16.5307,  
12.7771)

Have a look what the booklet for  
HunterLab(26.2487, 16.5307,  
12.7771) contains.

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# Color

**HunterLab(26.1449, 16.4961,  
12.6141)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	753924
RGB	117, 57, 36
RGB Percent	46%, 22%, 14%
CMY	0.5412, 0.7765, 0.8588
CMYK	0.00, 0.51, 0.69, 0.54
HSL	16°, 53%, 30%
HSV	16°, 69%, 46%
XYZ	9.1177, 6.8356, 2.5079
YIQ	72.5460, 42.5010, 6.1890

# Conversions

## Conversions Part 2

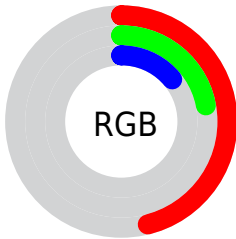
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 64, 36
Decimal	7682340
CIE Lab	31.43, 24.45, 24.87
CIE LCh	31, 34.874, 45.494
Yxy	6.8359, 0.4939, 0.3703
Android (android.graphics.Color)	4285872420 (0xFF753924)
YUV	72.5460, -18.0172, 38.9862
Hunter-Lab	26.1449, 16.4961, 12.6141

# Details

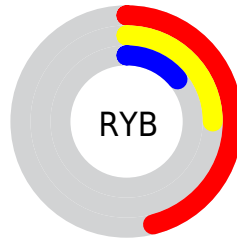
The HunterLab color **26.1449, 16.4961, 12.6141** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **31.6616, -9.6236, -12.1740**, and the grayscale version is **25.7026, -1.3714, 1.3965**.

A 20% lighter version of the original color is **44.2510, 18.4460, 17.1599**, and **11.5297, 14.4098, 7.3568** is the 20% darker color. If you saturate the color by 10%, you get **24.4760, 19.7028, 13.2936**, and if you desaturate by 10%, it is **28.0193, 13.3499, 11.6502**.

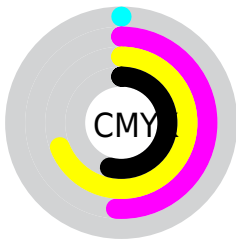
# Distribution



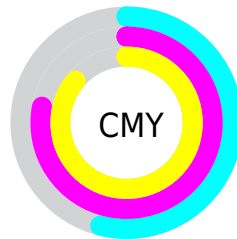
- Red (46%)
- Green (22%)
- Blue (14%)



- Red (46%)
- Yellow (25%)
- Blue (14%)



- Cyan (0%)
- Magenta (51%)
- Yellow (69%)
- Black (54%)



- Cyan (54%)
- Magenta (78%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 26.1449, 16.4961, 12.6141 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 26.1449, 16.4961, 12.6141 by changing the saturation by 10% instead.



■ 26.1449, 16.4961,  
12.6141

■ 26.1449, 16.4961,  
12.6141

128.9548, 21.3315,  
30.5784

■ 18.3295, 15.4066,  
10.0992

■ 44.3197, 18.2461,  
17.1266

■ 11.4990, 14.1611,  
8.0493

■ 54.5357, 18.9437,  
19.2072

■ 3.9794, 26.5558,  
2.7856

■ 65.4345, 19.5408,  
21.2105

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 76.9759, 20.0480,  
23.1555

0.0000, NaN, NaN

■ 89.1259, 20.4740,  
25.0557

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.8554, 20.8261,

26.9214

0.0000, NaN, NaN

115.1391, 21.1102,  
28.7603

26.1449, 16.4961,  
12.6141

26.1449, 16.4961,  
12.6141

24.4760, 19.7028,  
13.2936

28.0193, 13.3499,  
11.6502

23.0336, 22.8807,  
13.6480

30.0740, 10.3285,  
10.4470

21.8269, 25.8461,  
13.8318

32.2878, 7.4606,  
9.0484

21.7432, 26.0571,  
13.8542

34.6415, 4.7570,  
7.4916

37.1184, 2.2158,  
5.8071

■ 39.7041, -0.1720,  
4.0185

■ 42.3865, -2.4188,  
2.1445

■ 45.1553, -4.5382,  
0.1993

■ 48.0018, -6.5441,  
-1.8064

# Harmonies

## Analogous

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



26.1456, 24.2713, 6.5595



26.1449, 16.4961, 12.6141



26.1456, 4.5358, 14.8854

# Triad

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



26.1456, 16.4943, 12.6145



26.1456, -19.9433, 6.2748



26.1456, 4.9481, -29.1087

# Complementary

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



26.1449, 16.4961, 12.6141



31.6616, -9.6236, -12.1740

# 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.



26.1456, -6.8429, -29.3009



26.1449, 16.4961, 12.6141



26.1456, -19.8726, -5.0274

# Square

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



26.1456, 16.4943, 12.6145



26.1456, -15.6959, 12.4860



26.1456, -15.4819, -19.1355



26.1456, 16.8419, -18.6895



# Rectangle

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



26.1449, 16.4961, 12.6141



26.1456, -3.5345, 15.0846



26.1456, -15.4819, -19.1355



26.1456, 0.8125, -30.4867

# Sweetspot

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



26.1456, 16.4943, 12.6145



48.8909, 3.7327, 8.3056



24.2943, 31.7896, -11.9248



23.1039, 2.1314, 4.2139



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.



26.1456, 16.4943, 12.6145



31.5730, 28.8963, 18.1247



35.2315, -1.3324, 18.8772



19.5987, -0.1067, 1.9637



22.7724, 27.4984, 14.5137



49.0541, 64.3202, 31.3530



# Inverse Universe

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



31.6616, -9.6236, -12.1740



39.9622, -12.3083, -20.3037



21.2418, 7.9087, -33.7470



20.0057, -1.9360, 0.1714



29.7314, -8.5030, -18.8060



64.5260, -17.1786, -43.5681



# Previews

## White Background



This preview shows how the HunterLab color 26.1449, 16.4961, 12.6141 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

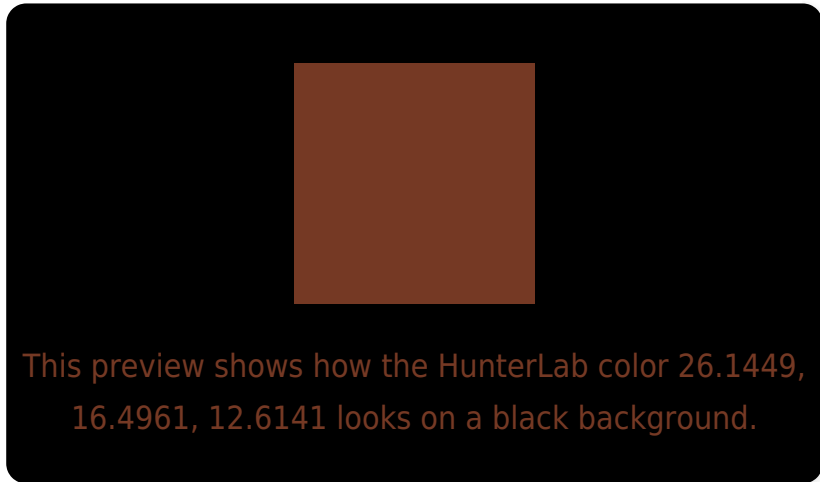
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

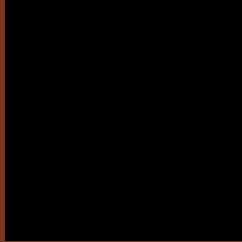
Any Text WCAG AA × Fail

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 26.1449, 16.4961, 12.6141 Background



This preview shows how black text looks on a background with the HunterLab color 26.1449, 16.4961, 12.6141.



This preview shows how white text looks on a background with the HunterLab color 26.1449, 16.4961,



# 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

26.1449, 16.4961, 12.6141

### Protanopia

26.4446, -2.9860, 11.3316

### Deuteranopia

26.3504, 1.5896, 13.0273



## Tritanopia

26.0679, 19.8027, 7.3051

# Trichromacy



## Original Color

26.1449, 16.4961, 12.6141

## Protanomaly

25.9236, 3.9996, 11.4527

## Deuteranomaly

26.1471, 6.9209, 12.8012

## Tritanomaly

26.1041, 18.6850, 9.5584

# Monochromacy



## Original Color

26.1449, 16.4961, 12.6141

## Achromatopsia

25.8120, -1.3773, 1.4024

## Achromatomaly

25.4252, 4.2470, 5.7723

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 26.1449, 16.4961, 12.6141 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, 57, 36)` looks like.

```
.text, #text, p{  
    color:rgb(117, 57, 36)  
}
```

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, 57, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 57, 36) }
```

## Border

The CSS property to change the border of an element to HunterLab 26.1449, 16.4961, 12.6141 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, 57, 36) }
```



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

```
.border{ border-color:rgb(117, 57, 36) }
```

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

Here you see how a box with a 4 pixel rgb(117, 57, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 57, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 57, 36);  
box-shadow:4px 4px 4px 4px rgb(117, 57,  
36) }
```

# Background

The CSS property to change the background color of an element to HunterLab 26.1449, 16.4961, 12.6141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 57, 36) }
```

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

```
.background{ background-color: rgb(117, 57,  
36) }
```

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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