

# Converting Colors

HunterLab(25.0460, -2.9336,  
12.1470)

Have a look what the booklet for  
HunterLab(25.0460, -2.9336,  
12.1470) contains.

<b>HunterLab(25.0460, -2.9336, 12.1470)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(25.0460, -2.9336,  
12.1470)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F4720
RGB	79, 71, 32
RGB Percent	31%, 28%, 13%
CMY	0.6902, 0.7216, 0.8745
CMYK	0.00, 0.10, 0.59, 0.69
HSL	50°, 42%, 22%
HSV	50°, 59%, 31%
XYZ	5.7384, 6.2730, 2.2749
YIQ	68.9460, 17.2870, -10.4330

# Conversions

## Conversions Part 2

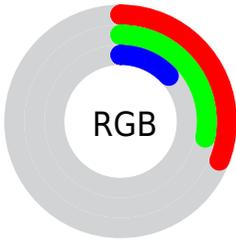
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	42, 79, 32
Decimal	5195552
CIE Lab	30.09, -2.52, 24.38
CIE LCh	30, 24.513, 95.901
Yxy	6.2733, 0.4017, 0.4391
Android (android.graphics.Color)	4283385632 (0xFF4F4720)
YUV	68.9460, -18.2144, 8.8174
Hunter-Lab	25.0460, -2.9336, 12.1470

# Details

The HunterLab color **25.0460, -2.9336, 12.1470** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **15.4567, 4.8903, -18.7643**, and the grayscale version is **24.4342, -1.3037, 1.3276**.

A 20% lighter version of the original color is **42.9829, -4.0313, 16.7304**, and **10.7417, -1.4750, 6.5932** is the 20% darker color. If you saturate the color by 10%, you get **24.6298, -2.8130, 13.0340**, and if you desaturate by 10%, it is **25.4842, -2.9525, 11.0015**.

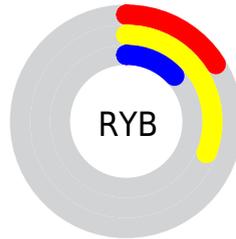
# Distribution



 Red (31%)

 Green (28%)

 Blue (13%)



 Red (16%)

 Yellow (31%)

 Blue (13%)

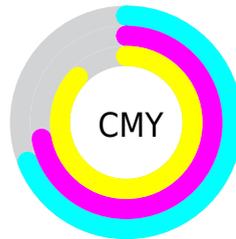


 Cyan (0%)

 Magenta (10%)

 Yellow (59%)

 Black (69%)



 Cyan (69%)

 Magenta (72%)

 Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.0460, -2.9336, 12.1470 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 25.0460, -2.9336, 12.1470 by changing the saturation by 10% instead.

■ 25.0460, -2.9336,  
12.1470

■ 25.0460, -2.9336,  
12.1470

■ 127.0752, -9.5541,  
29.9261

■ 17.3551, -2.3349,  
9.6985

■ 43.0065, -4.2165,  
16.6218

■ 10.6677, -1.7595,  
7.4674

■ 53.1276, -4.8995,  
18.6811

■ 1.0081, -1.7642,  
0.7057

■ 63.9375, -5.6102,  
20.6629

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.3950, -6.3478,  
22.5863

0.0000, NaN, NaN

■ 87.4653, -7.1116,  
24.4652

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.1187, -7.9011,

26.3098

0.0000, NaN, NaN

 113.3296, -8.7155,  
28.1281

 25.0460, -2.9336,  
12.1470

 25.0460, -2.9336,  
12.1470

 24.6298, -2.8130,  
13.0340

 25.4842, -2.9525,  
11.0015

 24.2334, -2.5913,  
13.6684

 25.9430, -2.8650,  
9.5942

 23.8561, -2.2767,  
14.0677

 26.4231, -2.6716,  
7.9255

 23.4859, -1.9360,  
14.4089

 26.9244, -2.3727,  
5.9985

 23.4672, -1.9188,  
14.4268

 27.4468, -1.9694,  
3.8178

■ 27.9900, -1.4639,  
1.3900

■ 28.5538, -0.8585,  
-1.2773

■ 29.1378, -0.1562,  
-4.1757

■ 29.7415, 0.6397,  
-7.2960

# Harmonies

## Analogous

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



25.0466, 5.4136, 11.5370



25.0460, -2.9336, 12.1470



25.0466, -9.9100, 10.7075

# Triad

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



25.0466, -2.9345, 12.1472



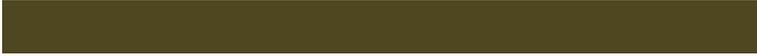
25.0466, -12.8479, -9.0934



25.0466, 14.6984, -5.5479

# Complementary

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



25.0460, -2.9336, 12.1470



15.4567, 4.8903, -18.7643

# 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.



25.0466, 8.5691, -14.0375



25.0460, -2.9336, 12.1470



25.0466, -7.4420, -16.5022

# Square

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



25.0466, -2.9345, 12.1472



25.0466, -15.1419, -0.2243



25.0466, 0.3000, -18.5538



25.0466, 16.3069, 2.8535

# Rectangle

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



25.0460, -2.9336, 12.1470



25.0466, -13.0772, 8.3848



25.0466, 0.3000, -18.5538



25.0466, 13.0633, -8.5593

# Sweetspot

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



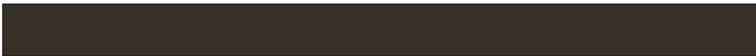
25.0466, -2.9345, 12.1472



35.1559, -3.0532, 7.5884



16.8902, 14.1374, 3.4133



17.4921, -1.5625, 4.0131



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.



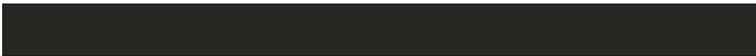
25.0466, -2.9345, 12.1472



31.8971, -3.5666, 17.3612



26.0579, -10.1268, 12.7700



13.7678, -0.9661, 1.8103



30.4397, -2.2523, 18.7173



73.3221, -4.1965, 45.1072



# Inverse Universe

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



15.4567, 4.8903, -18.7643



16.9651, 9.7257, -33.3072



14.8297, 11.2989, -20.2383



13.0209, -0.4284, -0.4304



11.7105, 19.2032, -56.0912

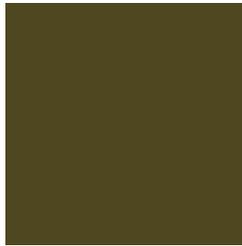


26.7201, 53.0448, -147.9063



# Previews

## White Background



This preview shows how the HunterLab color 25.0460, -2.9336, 12.1470 looks on a white background.

## Color Contrast Check

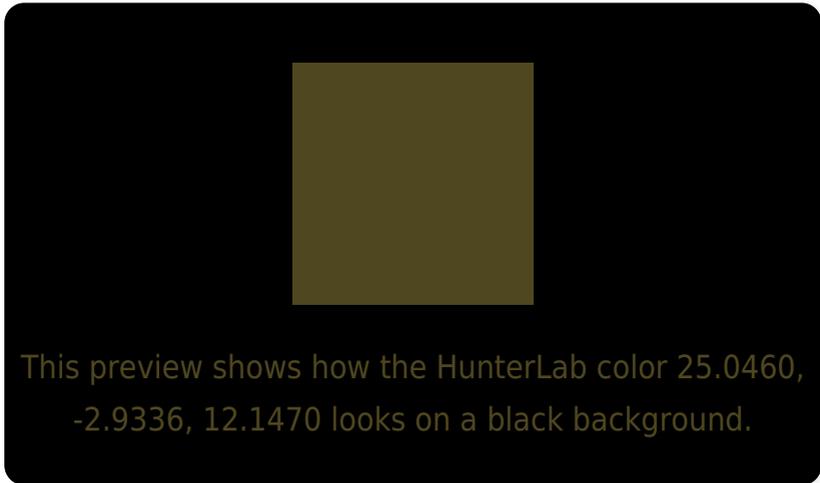
Large Text (above 18pt) WCAG AA ✓ Pass

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

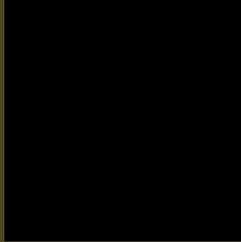
Any Text WCAG AA × Fail

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 25.0460, -2.9336, 12.1470 Background



This preview shows how black text looks on a background with the HunterLab color 25.0460, -2.9336, 12.1470.



This preview shows how white text looks on a background with the HunterLab color 25.0460, -2.9336, 12.1470.



# 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

25.0460, -2.9336, 12.1470

### Protanopia

25.0460, -2.9336, 12.1470

### Deuteranopia

25.1371, 1.2163, 12.1169



## Tritanopia

25.1420, 3.8827, 1.1024

# Trichromacy



## Original Color

25.0460, -2.9336, 12.1470

## Protanomaly

25.0460, -2.9336, 12.1470

## Deuteranomaly

25.0945, -0.1773, 12.0605

## Tritanomaly

24.9469, 1.3155, 6.1955

# Monochromacy



## Original Color

25.0460, -2.9336, 12.1470

## Achromatopsia

24.3949, -1.3017, 1.3254

## Achromatomaly

24.6623, -2.2540, 6.1628

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 25.0460, -2.9336, 12.1470 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(79, 71, 32)` looks like.

```
.text, #text, p{  
    color:rgb(79, 71, 32)  
}
```

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(79, 71, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 71, 32) }
```

## Border

The CSS property to change the border of an element to HunterLab 25.0460, -2.9336, 12.1470 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(79, 71, 32) }
```

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

```
.border{ border-color:rgb(79, 71, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 71, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 71, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 71, 32);  
box-shadow:4px 4px 4px 4px rgb(79, 71, 32)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 25.0460, -2.9336, 12.1470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 71, 32) }
```

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

```
.background{ background-color: rgb(79, 71,  
32) }
```

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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