

# Converting Colors

HunterLab(27.4405, -1.3976,  
16.1506)

Have a look what the booklet for  
HunterLab(27.4405, -1.3976,  
16.1506) contains.

<b>HunterLab(27.4273, -1.3672, 16.1248)</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(27.4273, -1.3672,  
16.1248)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D4C0C
RGB	93, 76, 12
RGB Percent	36%, 30%, 5%
CMY	0.6353, 0.7020, 0.9529
CMYK	0.00, 0.18, 0.87, 0.64
HSL	47°, 77%, 21%
HSV	47°, 87%, 36%
XYZ	7.1650, 7.5226, 1.4222
YIQ	73.7870, 30.6760, -16.3000

# Conversions

## Conversions Part 2

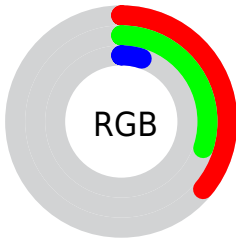
<b>Format</b>	<b>Color</b>
<b>RYB</b>	34, 93, 12
Decimal	6114316
CIELab	32.97, 0.15, 37.33
CIELCh	33, 37.327, 89.776
Yxy	7.5229, 0.4448, 0.4670
Android (android.graphics.Color)	4284304396 (0xFF5D4C0C)
YUV	73.7870, -30.4610, 16.8498
Hunter-Lab	27.4273, -1.3672, 16.1248

# Details

The HunterLab color **27.4273, -1.3672, 16.1248** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **13.2180, 11.5307, -38.1049**, and the grayscale version is **26.1903, -1.3975, 1.4230**.

A 20% lighter version of the original color is **45.9512, -2.6071, 22.5728**, and **12.4363, -0.0505, 7.6623** is the 20% darker color. If you saturate the color by 10%, you get **26.9025, -0.7589, 16.3929**, and if you desaturate by 10%, it is **27.9726, -1.9002, 15.6683**.

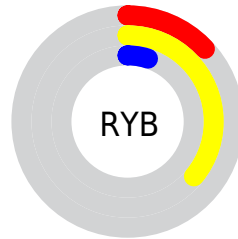
# Distribution



Red (36%)

Green (30%)

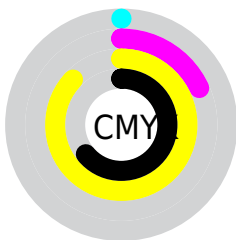
Blue (5%)



Red (13%)

Yellow (36%)

Blue (5%)

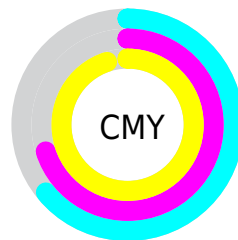


Cyan (0%)

Magenta (18%)

Yellow (87%)

Black (64%)



Cyan (64%)

Magenta (70%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.4273, -1.3672, 16.1248 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 27.4273, -1.3672, 16.1248 by changing the saturation by 10% instead.



■ 27.4273, -1.3672,  
16.1248

■ 27.4273, -1.3672,  
16.1248

■ 131.1262, -6.8410,  
40.8568

■ 19.4711, -0.9538,  
13.1455

■ 45.8451, -2.3341,  
22.5331

■ 12.4799, -0.5923,  
8.7359

■ 56.1691, -2.8774,  
25.4517

■ 5.7330, -0.1953,  
4.0131

■ 67.1692, -3.4575,  
28.2333

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 78.8063, -4.0719,  
30.9056

0.0000, NaN, NaN

■ 91.0473, -4.7189,  
33.4896


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 103.8636, -5.3970,


36.0015


0.0000, NaN, NaN


 117.2305, -6.1047,  
38.4539


 27.4273, -1.3672,  
16.1248


 27.4273, -1.3672,  
16.1248


 26.9025, -0.7589,  
16.3929


 27.9726, -1.9002,  
15.6683

 26.7509, -0.5814,  
16.4736

 28.5438, -2.3120,  
14.9122

 29.1423, -2.5982,  
13.8455

 29.7685, -2.7555,  
12.4630

 30.4223, -2.7827,  
10.7649

■ 31.1036, -2.6801,  
8.7546

■ 31.8121, -2.4492,  
6.4387

■ 32.5473, -2.0927,  
3.8259

■ 33.3087, -1.6138,  
0.9262

# Harmonies

## Analogous

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



27.4280, 12.1016, 15.0206



27.4273, -1.3672, 16.1248



27.4280, -12.6800, 15.0555

# Triad

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



27.4280, -1.3684, 16.1250



27.4280, -19.7725, -12.9180



27.4280, 23.2927, -13.1551

# Complementary

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



27.4273, -1.3672, 16.1248



13.2180, 11.5307, -38.1049

# 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.



27.4280, 11.9036, -27.7142



27.4273, -1.3672, 16.1248



27.4280, -12.8189, -27.5387

# Square

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



27.4280, -1.3684, 16.1250



27.4280, -22.0442, 1.5846



27.4280, -1.5614, -33.9047



27.4280, 27.8460, 1.4010



# Rectangle

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



27.4273, -1.3672, 16.1248



27.4280, -17.8842, 12.7411



27.4280, -1.5614, -33.9047



27.4280, 20.0447, -18.4151

# Sweetspot

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



27.4280, -1.3684, 16.1250



40.7163, -3.4991, 11.3649



16.3756, 24.4747, 6.1798



20.2860, -1.7750, 6.0042



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774



# Same Dimension

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



27.4280, -1.3684, 16.1250



34.8035, -0.4367, 21.4381



30.2641, -14.5650, 17.7121



16.1640, -1.0784, 2.1420



31.7032, -0.4939, 19.5267



73.3039, 0.3562, 45.1758



# Inverse Universe

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



13.2180, 11.5307, -38.1049



14.3322, 21.3977, -64.1054



11.8734, 21.2970, -44.0231



15.3286, -0.5574, -0.5221



13.1581, 19.0550, -57.5807

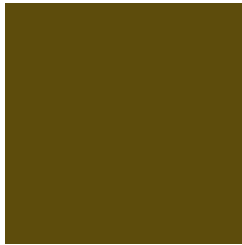


28.9557, 50.6644, -145.5620



# Previews

## White Background



This preview shows how the HunterLab color 27.4273, -1.3672, 16.1248 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

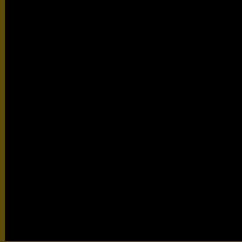
Any Text WCAG AA × Fail

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 27.4273, -1.3672, 16.1248 Background



This preview shows how black text looks on a background with the HunterLab color 27.4273, -1.3672, 16.1248.



This preview shows how white text looks on a background with the HunterLab color 27.4273, -1.3672,



# 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

27.4273, -1.3672, 16.1248

### Protanopia

27.4819, -3.7862, 16.0465

### Deuteranopia

27.4334, 1.2147, 16.0277



## Tritanopia

27.5130, 6.9178, 2.3399

# Trichromacy



## Original Color

27.4273, -1.3672, 16.1248

## Protanomaly

27.4052, -2.7371, 16.0153

## Deuteranomaly

27.4736, 0.0818, 16.1088

## Tritanomaly

27.4024, 3.1745, 9.6532

# Monochromacy



## Original Color

27.4273, -1.3672, 16.1248

## Achromatopsia

26.1683, -1.3963, 1.4218

## Achromatomaly

26.4962, -2.5323, 9.2742

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 27.4273, -1.3672, 16.1248 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(93, 76, 12)` looks like.

```
.text, #text, p{  
    color:rgb(93, 76, 12)  
}
```

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(93, 76, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 76, 12) }
```

## Border

The CSS property to change the border of an element to HunterLab 27.4273, -1.3672, 16.1248 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(93, 76, 12) }
```



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

```
.border{ border-color:rgb(93, 76, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 76, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 76, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 76, 12);  
box-shadow:4px 4px 4px 4px rgb(93, 76, 12)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 27.4273, -1.3672, 16.1248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 76, 12) }
```

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

```
.background{ background-color: rgb(93, 76,  
12) }
```

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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