

Converting Colors

HunterLab(12.4409, -8.2603,
5.8419)

Have a look what the booklet for
HunterLab(12.4409, -8.2603, 5.8419)
contains.

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Color

**HunterLab(12.4730, -8.3253,
5.8866)**

Conversions

Conversions Part 1

Format	Color
Hex	0C270C
RGB	12, 39, 12
RGB Percent	5%, 15%, 5%
CMY	0.9529, 0.8471, 0.9529
CMYK	0.69, 0.00, 0.69, 0.85
HSL	120°, 53%, 10%
HSV	120°, 69%, 15%
XYZ	0.9435, 1.5558, 0.5984
YIQ	27.8490, -7.4250, -14.1210

Conversions

Conversions Part 2

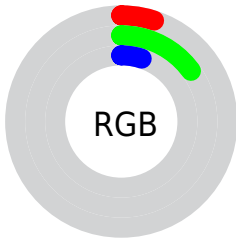
Format	Color
R_{YB}	12, 39, 39
Decimal	796428
CIE _{Lab}	12.96, -17.36, 13.78
CIE _{LCh}	13, 22.168, 141.556
Yxy	1.5558, 0.3046, 0.5022
Android (android.graphics.Color)	4278986508 (0xFF0C270C)
YUV	27.8490, -7.8136, -13.8996
Hunter-Lab	12.4730, -8.3253, 5.8866

Details

The HunterLab color **12.4730, -8.3253, 5.8866** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **9.1694, 9.9305, -6.5873**, and the grayscale version is **10.7547, -0.5738, 0.5843**.

A 20% lighter version of the original color is **27.3079, -11.8980, 8.7712**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.3334, -8.9728, 6.3244**, and if you desaturate by 10%, it is **12.6393, -7.5677, 5.3743**.

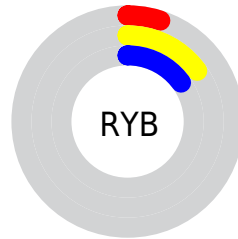
Distribution



Red (5%)

Green (15%)

Blue (5%)



Red (5%)

Yellow (15%)

Blue (15%)

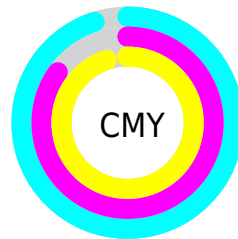


Cyan (69%)

Magenta (0%)

Yellow (69%)

Black (85%)



Cyan (95%)

Magenta (85%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4730, -8.3253, 5.8866 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 12.4730, -8.3253, 5.8866 by changing the saturation by 10% instead.

■ 12.4730, -8.3253,
5.8866

■ 12.4730, -8.3253,
5.8866

■ 103.8501,
-22.8454, 18.2806

■ 5.7231, -10.0154,
4.0062

■ 27.4193, -12.0277,
8.8245

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.2355, -13.6943,
10.2557

0.0000, NaN, NaN

■ 45.8349, -15.2945,
11.6385

0.0000, NaN, NaN

■ 56.1581, -16.8498,
12.9909

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.1576, -18.3741,
14.3245

0.0000, NaN, NaN

■ 78.7941, -19.8772,

0.0000, NaN, NaN

15.6472

■ 91.0344, -21.3659,
16.9645

■ 12.4730, -8.3253,
5.8866

■ 12.4730, -8.3253,
5.8866

■ 12.3334, -8.9728,
6.3244

■ 12.6393, -7.5677,
5.3743

■ 12.1960, -9.6174,
6.7602

■ 12.8357, -6.6854,
4.7779

■ 12.0570, -10.2781,
7.2070

■ 13.0628, -5.6841,
4.1010

■ 12.0462, -10.3295,
7.2418

■ 13.3204, -4.5708,
3.3487

■ 13.6082, -3.3544,
2.5266

■ 13.9256, -2.0442,
1.6414

■ 14.2718, -0.6501,
0.6997

■ 14.6457, 0.8179,
-0.2919

■ 15.0463, 2.3504,
-1.3268

Harmonies

Analogous

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



12.4733, -4.5443, 8.1580



12.4730, -8.3253, 5.8866



12.4733, -9.9753, 2.1534

Triad

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



12.4733, -8.3255, 5.8867



12.4733, -2.2790, -15.2716



12.4733, 11.6474, 4.0117

Complementary

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



12.4730, -8.3253, 5.8866



9.1694, 9.9305, -6.5873

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.



12.4733, 12.5603, -1.0009



12.4730, -8.3253, 5.8866



12.4733, 3.7525, -13.9824

Square

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



12.4733, -8.3255, 5.8867



12.4733, -6.9307, -10.9811



12.4733, 9.4497, -7.9998



12.4733, 7.1464, 7.0762

Rectangle

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



12.4730, -8.3253, 5.8866



12.4733, -9.9023, -1.6664



12.4733, 9.4497, -7.9998



12.4733, 12.4135, 2.6421

Sweetspot

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



12.4733, -8.3255, 5.8867



17.2621, -4.7896, 3.5686



13.8167, -3.1383, 6.9662



9.5078, -2.5950, 1.9363



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

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



12.4733, -8.3255, 5.8867



15.6288, -12.0476, 8.4748



12.6556, -7.2235, 3.2293



8.3156, -1.1222, 0.9132



25.2269, -21.6320, 15.1658



68.4925, -58.7322, 41.1763

Inverse Universe

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



9.1694, 9.9305, -6.5873



10.6349, 15.9116, -10.6279



8.7560, 8.1034, -0.8839



8.0577, 0.2703, -0.0384



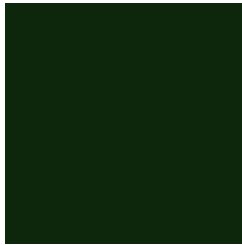
15.9190, 31.2970, -20.9942



43.2209, 84.9730, -56.9998

Previews

White Background



This preview shows how the HunterLab color 12.4730, -8.3253, 5.8866 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

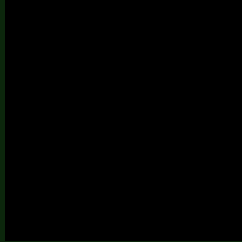
Any Text WCAG AA × Fail

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 12.4730, -8.3253, 5.8866 Background



This preview shows how black text looks on a background with the HunterLab color 12.4730, -8.3253, 5.8866.



This preview shows how white text looks on a background with the HunterLab color 12.4730, -8.3253,

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

12.4730, -8.3253, 5.8866

Protanopia

12.5709, -1.6690, 6.2237

Deuteranopia

12.4779, 0.3459, 5.7207



Tritanopia

12.4366, -3.5984, -1.5504

Trichromacy



Original Color

12.4730, -8.3253, 5.8866

Protanomaly

12.4383, -4.5752, 6.0752

Deuteranomaly

12.3387, -3.6720, 5.7091

Tritanomaly

12.3369, -5.7171, 1.9155

Monochromacy



Original Color

12.4730, -8.3253, 5.8866

Achromatopsia

10.7760, -0.5750, 0.5855

Achromatomaly

11.2318, -3.8870, 2.8460

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4730, -8.3253, 5.8866 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(12, 39, 12)` looks like.

```
.text, #text, p{  
    color:rgb(12, 39, 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(12, 39, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 39, 12) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4730, -8.3253, 5.8866 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(12, 39, 12) }
```


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

```
.border{ border-color:rgb(12, 39, 12) }
```

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

Here you see how a box with a 4 pixel rgb(12, 39, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 39, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 39, 12);  
box-shadow:4px 4px 4px 4px rgb(12, 39, 12)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.4730, -8.3253, 5.8866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 39, 12) }
```

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

```
.background{ background-color: rgb(12, 39,  
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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