

Converting Colors

HunterLab(12.9056, -4.8588,
0.5528)

Have a look what the booklet for
HunterLab(12.9056, -4.8588, 0.5528)
contains.

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Color

**HunterLab(12.8297, -4.8515,
0.4723)**

Conversions

Conversions Part 1	
Format	Color
Hex	132623
RGB	19, 38, 35
RGB Percent	7%, 15%, 14%
CMY	0.9255, 0.8510, 0.8627
CMYK	0.50, 0.00, 0.08, 0.85
HSL	171°, 33%, 11%
HSV	171°, 50%, 15%
XYZ	1.2650, 1.6460, 1.8411
YIQ	31.9770, -10.3610, -4.9610

Conversions

Conversions Part 2

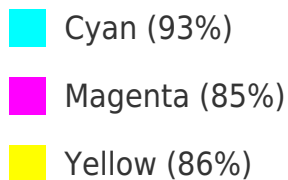
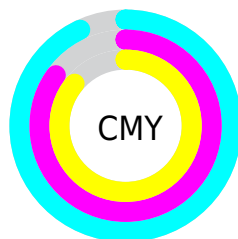
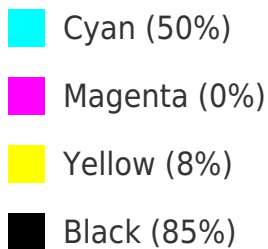
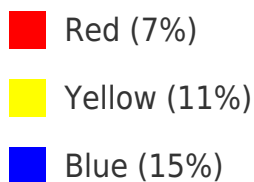
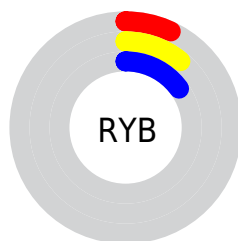
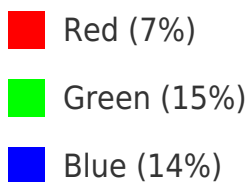
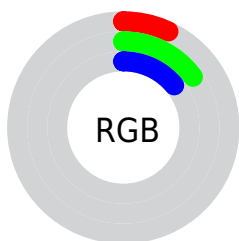
Format	Color
RYB	19, 29, 38
Decimal	1254947
CIELab	13.51, -8.70, -0.46
CIELCh	14, 8.708, 183.017
Yxy	1.6461, 0.2662, 0.3464
Android (android.graphics.Color)	4279445027 (0xFF132623)
YUV	31.9770, 1.4903, -11.3808
Hunter-Lab	12.8297, -4.8515, 0.4723

Details

The HunterLab color **12.8297, -4.8515, 0.4723** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **9.6735, 4.7909, 1.3921**, and the grayscale version is **12.0090, -0.6408, 0.6525**.

A 20% lighter version of the original color is **27.9424, -7.0286, 1.3992**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.6781, -5.4609, 0.4968**, and if you desaturate by 10%, it is **13.0040, -4.1670, 0.4752**.


Distribution





Brightness & Saturation Gradients


These gradients show how the HunterLab color 12.8297, -4.8515, 0.4723 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 12.8297, -4.8515, 0.4723 by changing the saturation by 10% instead.

 12.8297, -4.8515,
0.4723

 12.8297, -4.8515,
0.4723


 104.5705,
-14.4194, 5.2405

 6.2319, -6.4133,
0.0343


 27.8822, -7.0398,
1.2262

0.0000, NaN, NaN

0.0000, NaN, NaN


 36.7432, -8.0902,
1.6807

0.0000, NaN, NaN


 46.3838, -9.1327,
2.1799

0.0000, NaN, NaN

0.0000, NaN, NaN

 56.7453, -10.1751,
2.7201

0.0000, NaN, NaN


 67.7808, -11.2222,
3.2984


0.0000, NaN, NaN


 79.4513, -12.2772,


0.0000, NaN, NaN


3.9125


 91.7239, -13.3425,
4.5605


 12.8297, -4.8515,
0.4723


 12.8297, -4.8515,
0.4723


 12.6781, -5.4609,
0.4968


 13.0040, -4.1670,
0.4752


 12.5480, -5.9930,
0.5476


 13.2003, -3.4099,
0.5053


 12.4348, -6.4645,
0.6184

 13.4190, -2.5838,
0.5625

 12.3222, -6.9381,
0.6888

 13.6597, -1.6932,
0.6464

 12.2088, -7.4197,
0.7570

 13.9223, -0.7428,
0.7564

■ 12.2088, -7.4197,
0.7570

■ 14.2063, 0.2623,
0.8915

■ 14.5111, 1.3172,
1.0506

■ 14.8361, 2.4167,
1.2324

■ 15.1808, 3.5559,
1.4357

Harmonies

Analogous

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



12.8300, -4.4313, 2.4821



12.8297, -4.8515, 0.4723



12.8300, -4.2230, -1.8419

Triad

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



12.8300, -4.8516, 0.4725



12.8300, 1.8429, -3.4041



12.8300, 1.4069, 3.9397

Complementary

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



12.8297, -4.8515, 0.4723



9.6735, 4.7909, 1.3921

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.



12.8300, 3.2829, 2.8064



12.8297, -4.8515, 0.4723



12.8300, 3.5470, -1.3851

Square

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



12.8300, -4.8516, 0.4725



12.8300, -0.4491, -4.3161



12.8300, 4.0916, 0.9202



12.8300, -0.9198, 4.2609

Rectangle

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



12.8297, -4.8515, 0.4723



12.8300, -3.2656, -3.1847



12.8300, 4.0916, 0.9202



12.8300, 2.1166, 3.6524

Sweetspot

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



12.8300, -4.8516, 0.4725



16.8338, -2.7759, 0.7393



12.6719, -6.0434, 4.8199



9.7185, -1.6008, 0.4269



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.



12.8300, -4.8516, 0.4725



15.7289, -7.0590, 0.6385



11.3736, -2.2317, -2.5901



7.6208, -0.8203, 0.3721



25.2993, -15.6810, 2.2289



69.8482, -43.8575, 7.3716

Inverse Universe

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



9.6735, 4.7909, 1.3921



10.8808, 7.9315, 2.1434



10.8108, 2.0789, 3.3189



7.3357, 0.0361, 0.4480



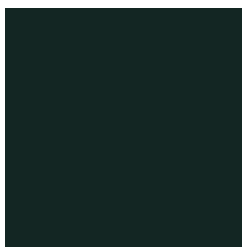
13.4340, 23.2202, 7.0210



36.9862, 63.6372, 21.5960

Previews

White Background



This preview shows how the HunterLab color 12.8297, -4.8515, 0.4723 looks on a white background.

Color Contrast Check

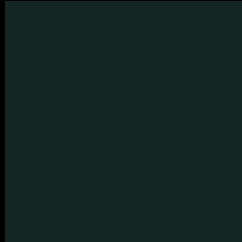
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 12.8297, -4.8515, 0.4723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

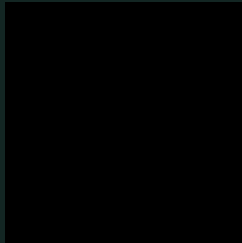
Any Text WCAG AA × Fail

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 12.8297, -4.8515, 0.4723 Background



This preview shows how black text looks on a background with the HunterLab color 12.8297, -4.8515, 0.4723.



This preview shows how white text looks on a background with the HunterLab color 12.8297, -4.8515,

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

12.8297, -4.8515, 0.4723

Protanopia

12.7629, -0.3202, 1.1747

Deuteranopia

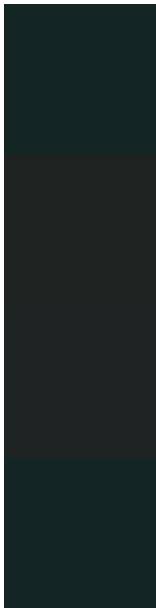
12.9025, 0.2948, 0.2859



Tritanopia

12.7897, -3.4872, -1.4863

Trichromacy



Original Color
12.8297, -4.8515, 0.4723

Protanomaly
12.6237, -1.9392, 0.6368

Deuteranomaly
12.6707, -1.6777, -0.0318

Tritanomaly
12.6957, -3.9408, -0.8096

Monochromacy



Original Color
12.8297, -4.8515, 0.4723

Achromatopsia
12.0183, -0.6413, 0.6530

Achromatomaly
12.1937, -2.3302, 0.4768

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.8297, -4.8515, 0.4723 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(19, 38, 35)` looks like.

```
.text, #text, p{  
    color:rgb(19, 38, 35)  
}
```

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(19, 38, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 38, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 12.8297, -4.8515, 0.4723 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(19, 38, 35) }
```


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

```
.border{ border-color:rgb(19, 38, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 38, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 38, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 38, 35);  
box-shadow:4px 4px 4px 4px rgb(19, 38, 35)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.8297, -4.8515, 0.4723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 38, 35) }
```

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

```
.background{ background-color: rgb(19, 38,  
35) }
```

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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