

Converting Colors

HunterLab(12.5885, -10.4381,
6.7983)

Have a look what the booklet for
HunterLab(12.5885, -10.4381,
6.7983) contains.

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Color

**HunterLab(12.6453,
-10.4721, 6.8008)**

Conversions

Conversions Part 1

Format	Color
Hex	002906
RGB	0, 41, 6
RGB Percent	0%, 16%, 2%
CMY	1.0000, 0.8392, 0.9765
CMYK	1.00, 0.00, 0.85, 0.84
HSL	129°, 100%, 8%
HSV	129°, 100%, 16%
XYZ	0.8258, 1.5990, 0.4374
YIQ	24.7510, -13.2010, -19.5770

Conversions

Conversions Part 2

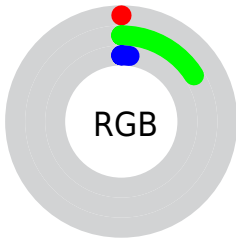
Format	Color
RYB	0, 36, 41
Decimal	10502
CIELab	13.22, -23.17, 16.54
CIELCh	13, 28.472, 144.475
Yxy	1.5991, 0.2885, 0.5587
Android (android.graphics.Color)	4278200582 (0xFF002906)
YUV	24.7510, -9.2442, -21.7066
Hunter-Lab	12.6453, -10.4721, 6.8008

Details

The HunterLab color **12.6453, -10.4721, 6.8008** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **7.6993, 14.7612, -7.2425**, and the grayscale version is **9.8144, -0.5237, 0.5332**.

A 20% lighter version of the original color is **27.6338, -15.2061, 10.0418**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.6455, -10.4723, 6.8009**, and if you desaturate by 10%, it is **12.7798, -9.8449, 6.4367**.

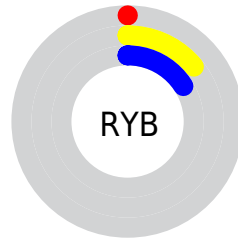
Distribution



Red (0%)

Green (16%)

Blue (2%)



Red (0%)

Yellow (14%)

Blue (16%)

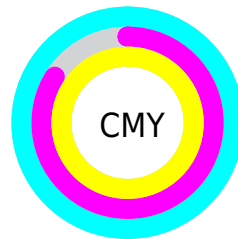


Cyan (100%)

Magenta (0%)

Yellow (85%)

Black (84%)



Cyan (100%)

Magenta (84%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.6453, -10.4721, 6.8008 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 12.6453, -10.4721, 6.8008 by changing the saturation by 10% instead.

■ 12.6453, -10.4721,
6.8008

■ 12.6453, -10.4721,
6.8008

■ 104.1987,
-28.4176, 20.6414

■ 5.9749, -10.4561,
4.1824

■ 27.6432, -15.2255,
10.0386

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.4810, -17.3197,
11.6785

0.0000, NaN, NaN

■ 46.1004, -19.3061,
13.2491

0.0000, NaN, NaN

■ 56.4422, -21.2159,
14.7732

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 67.4591, -23.0696,
16.2656


0.0000, NaN, NaN


■ 79.1121, -24.8813,


0.0000, NaN, NaN


17.7365


 91.3680, -26.6614,
19.1933


 12.6453, -10.4721,
6.8008


 12.6453, -10.4721,
6.8008


 12.6455, -10.4723,
6.8009

 12.7798, -9.8449,
6.4367

 12.9148, -9.2181,
6.0485

 13.0584, -8.5521,
5.5809

 13.2294, -7.7720,
5.0496

 13.4308, -6.8712,
4.4600

■ 13.6628, -5.8552,
3.8165

■ 13.9253, -4.7308,
3.1241

■ 14.2180, -3.5064,
2.3884

■ 14.5402, -2.1911,
1.6148

Harmonies

Analogous

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



12.6456, -6.1558, 8.8519



12.6453, -10.4721, 6.8008



12.6456, -12.2529, 1.9496

Triad

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



12.6456, -10.4723, 6.8009



12.6456, -2.0458, -22.2864



12.6456, 15.4758, 5.2445

Complementary

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



12.6453, -10.4721, 6.8008



7.6993, 14.7612, -7.2425

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.



12.6456, 17.3069, -0.7179



12.6453, -10.4721, 6.8008



12.6456, 5.9337, -19.4954

Square

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



12.6456, -10.4723, 6.8009



12.6456, -8.0670, -16.5485



12.6456, 13.4761, -10.2821



12.6456, 8.9365, 8.8519

Rectangle

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



12.6453, -10.4721, 6.8008



12.6456, -11.9871, -3.2824



12.6456, 13.4761, -10.2821



12.6456, 16.7183, 3.6819

Sweetspot

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



12.6456, -10.4723, 6.8009



17.7513, -6.3378, 4.1709



13.9739, -5.2376, 8.5189



10.0475, -3.6149, 2.3777



57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

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



12.6456, -10.4723, 6.8009



16.1673, -13.4842, 8.9008



12.8856, -8.9871, 3.2948



8.3216, -1.0889, 0.8273



25.2810, -21.2926, 14.3656



68.5645, -58.2797, 40.1094

Inverse Universe

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



7.6993, 14.7612, -7.2425



9.8330, 18.8223, -9.0185



7.1136, 12.6682, 0.8278



8.0511, 0.2343, 0.0564



15.3541, 29.3274, -13.5909



41.5547, 79.1598, -35.1328

Previews

White Background



This preview shows how the HunterLab color 12.6453, -10.4721, 6.8008 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

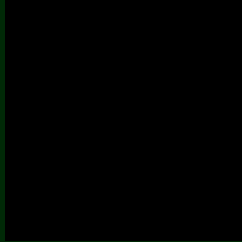
Any Text WCAG AA × Fail

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 12.6453, -10.4721, 6.8008 Background



This preview shows how black text looks on a background with the HunterLab color 12.6453, -10.4721, 6.8008.



This preview shows how white text looks on a background with the HunterLab color 12.6453,

-10.4721, 6.8008.

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

12.6453, -10.4721, 6.8008

Protanopia

12.8147, -2.0938, 7.3283

Deuteranopia

12.8349, 0.3883, 6.4531



Tritanopia

12.9054, -4.2645, -1.7602

Trichromacy



Original Color

12.6453, -10.4721, 6.8008

Protanomaly

12.4128, -6.0497, 6.8570

Deuteranomaly

12.3627, -4.8992, 6.2926

Tritanomaly

12.6729, -7.0624, 2.5455

Monochromacy



Original Color

12.6453, -10.4721, 6.8008

Achromatopsia

9.8596, -0.5261, 0.5357

Achromatomaly

10.6480, -5.0076, 3.2871

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.6453, -10.4721, 6.8008 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(0, 41, 6)` looks like.

```
.text, #text, p{  
    color:rgb(0, 41, 6)  
}
```

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(0, 41, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 41, 6) }
```

Border

The CSS property to change the border of an element to HunterLab 12.6453, -10.4721, 6.8008 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(0, 41, 6) }
```


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

```
.border{ border-color:rgb(0, 41, 6) }
```

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

Here you see how a box with a 4 pixel rgb(0, 41, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 41, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 41, 6); box-shadow:4px  
4px 4px 4px rgb(0, 41, 6) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.6453, -10.4721, 6.8008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 41, 6) }
```

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

```
.background{ background-color: rgb(0, 41,  
6) }
```

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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