

Converting Colors

HunterLab(12.6269, -10.2866,
6.5783)

Have a look what the booklet for
HunterLab(12.6269, -10.2866,
6.5783) contains.

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Color

**HunterLab(12.6880,
-10.2560, 6.5653)**

Conversions

Conversions Part 1

Format	Color
Hex	012908
RGB	1, 41, 8
RGB Percent	0%, 16%, 3%
CMY	0.9961, 0.8392, 0.9686
CMYK	0.98, 0.00, 0.80, 0.84
HSL	131°, 95%, 8%
HSV	131°, 98%, 16%
XYZ	0.8493, 1.6099, 0.4957
YIQ	25.2780, -13.2470, -18.7430

Conversions

Conversions Part 2

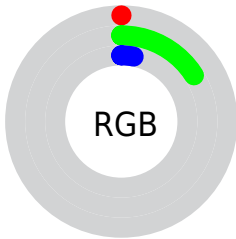
Format	Color
R_{YB}	1, 35, 41
Decimal	76040
CIE Lab	13.29, -22.50, 15.82
CIE LCh	13, 27.504, 144.877
Yxy	1.6099, 0.2874, 0.5448
Android (android.graphics.Color)	4278266120 (0xFF012908)
YUV	25.2780, -8.5181, -21.2918
Hunter-Lab	12.6880, -10.2560, 6.5653

Details

The HunterLab color **12.6880, -10.2560, 6.5653** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **7.8015, 14.1256, -6.4470**, and the grayscale version is **9.9721, -0.5321, 0.5418**.

A 20% lighter version of the original color is **27.6923, -14.9413, 9.8465**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.6557, -10.4087, 6.6508**, and if you desaturate by 10%, it is **12.8215, -9.6370, 6.2134**.

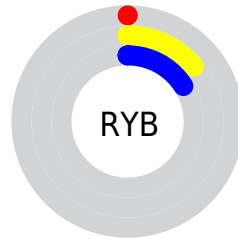
Distribution



Red (0%)

Green (16%)

Blue (3%)



Red (0%)

Yellow (14%)

Blue (16%)

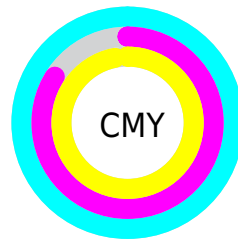


Cyan (98%)

Magenta (0%)

Yellow (80%)

Black (84%)



Cyan (100%)

Magenta (84%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.6880, -10.2560, 6.5653 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 12.6880, -10.2560, 6.5653 by changing the saturation by 10% instead.

■ 12.6880, -10.2560,
6.5653

■ 12.6880, -10.2560,
6.5653

■ 104.2849,
-27.7910, 20.0507

■ 6.0355, -10.5621,
4.2249

■ 27.6986, -14.8820,
9.7518

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.5418, -16.9246,
11.3358

0.0000, NaN, NaN

■ 46.1661, -18.8647,
12.8564

0.0000, NaN, NaN

■ 56.5125, -20.7322,
14.3350

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 67.5337, -22.5467,
15.7854


0.0000, NaN, NaN


■ 79.1907, -24.3218,


0.0000, NaN, NaN


17.2172


 91.4506, -26.0675,
18.6373


 12.6880, -10.2560,
6.5653


 12.6880, -10.2560,
6.5653


 12.6557, -10.4087,
6.6508

 12.8215, -9.6370,
6.2134

 12.9581, -9.0022,
5.7992

 13.1071, -8.3137,
5.3135

 13.2852, -7.5062,
4.7723

 13.4933, -6.5817,
4.1797

■ 13.7317, -5.5457,
3.5403

■ 14.0000, -4.4055,
2.8591

■ 14.2981, -3.1695,
2.1415

■ 14.6251, -1.8467,
1.3928

Harmonies

Analogous

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



12.6883, -6.0701, 8.8818



12.6880, -10.2560, 6.5653



12.6883, -11.9386, 1.8286

Triad

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



12.6883, -10.2562, 6.5654



12.6883, -1.9098, -21.1772



12.6883, 14.7744, 5.1756

Complementary

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



12.6880, -10.2560, 6.5653



7.8015, 14.1256, -6.4470

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.



12.6883, 16.5952, -0.5635



12.6880, -10.2560, 6.5653



12.6883, 5.7995, -18.4378

Square

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



12.6883, -10.2562, 6.5654



12.6883, -7.7999, -15.8558



12.6883, 13.0015, -9.6739



12.6883, 8.4735, 8.7450

Rectangle

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



12.6880, -10.2560, 6.5653



12.6883, -11.6597, -3.2481



12.6883, 13.0015, -9.6739



12.6883, 15.9832, 3.6686

Sweetspot

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



12.6883, -10.2562, 6.5654



17.7971, -6.1299, 3.9499



13.9065, -5.4782, 8.3508



10.0701, -3.5113, 2.2606



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.



12.6883, -10.2562, 6.5654



16.1777, -13.4192, 8.7474



12.9408, -8.6994, 2.8835



8.3228, -1.0823, 0.8103



25.2936, -21.2134, 14.1789



68.5901, -58.1195, 39.7316

Inverse Universe

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



7.8015, 14.1256, -6.4470



9.7728, 18.6107, -8.2158



7.2510, 12.0978, 1.1847



8.0498, 0.2273, 0.0748



15.2535, 28.9735, -12.2469



41.2613, 78.1253, -31.1979

Previews

White Background



This preview shows how the HunterLab color 12.6880, -10.2560, 6.5653 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

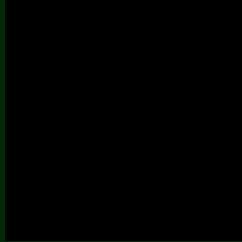
Any Text WCAG AA × Fail

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 12.6880, -10.2560, 6.5653 Background



This preview shows how black text looks on a background with the HunterLab color 12.6880, -10.2560, 6.5653.



This preview shows how white text looks on a background with the HunterLab color 12.6880,

-10.2560, 6.5653.

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

12.6880, -10.2560, 6.5653

Protanopia

12.8318, -1.9984, 7.0758

Deuteranopia

12.8442, 0.4383, 6.3166



Tritanopia

12.9054, -4.2645, -1.7602

Trichromacy



Original Color

12.6880, -10.2560, 6.5653

Protanomaly

12.4304, -5.9455, 6.5967

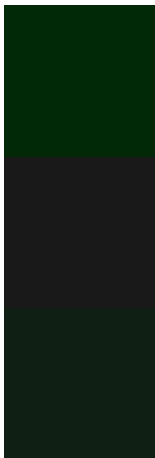
Deuteranomaly

12.3806, -4.7948, 6.0287

Tritanomaly

12.6921, -6.9476, 2.2691

Monochromacy



Original Color

12.6880, -10.2560, 6.5653

Achromatopsia

9.8596, -0.5261, 0.5357

Achromatomaly

10.6637, -4.9152, 3.0594

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.6880, -10.2560, 6.5653 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(1, 41, 8)` looks like.

```
.text, #text, p{  
    color:rgb(1, 41, 8)  
}
```

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(1, 41, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 41, 8) }
```

Border

The CSS property to change the border of an element to HunterLab 12.6880, -10.2560, 6.5653 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(1, 41, 8) }
```


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

```
.border{ border-color:rgb(1, 41, 8) }
```

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

Here you see how a box with a 4 pixel rgb(1, 41, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 41, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 41, 8); box-shadow:4px  
4px 4px 4px rgb(1, 41, 8) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.6880, -10.2560, 6.5653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 41, 8) }
```

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

```
.background{ background-color: rgb(1, 41,  
8) }
```

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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