

Converting Colors

HunterLab(12.6630, -6.1534,
1.0940)

Have a look what the booklet for
HunterLab(12.6630, -6.1534, 1.0940)
contains.

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Color

**HunterLab(12.5762, -5.9184,
0.8624)**

Conversions

Conversions Part 1

Format	Color
Hex	0D2621
RGB	13, 38, 33
RGB Percent	5%, 15%, 13%
CMY	0.9490, 0.8510, 0.8706
CMYK	0.66, 0.00, 0.13, 0.85
HSL	168°, 49%, 10%
HSV	168°, 66%, 15%
XYZ	1.1336, 1.5816, 1.6844
YIQ	29.9550, -13.2950, -6.8550

Conversions

Conversions Part 2

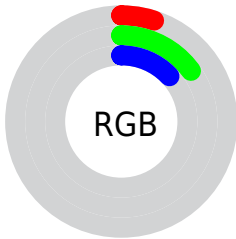
Format	Color
RYB	13, 27, 38
Decimal	861729
CIELab	13.12, -11.27, 0.37
CIELCh	13, 11.275, 178.122
Yxy	1.5817, 0.2577, 0.3595
Android (android.graphics.Color)	4279051809 (0xFF0D2621)
YUV	29.9550, 1.5012, -14.8695
Hunter-Lab	12.5762, -5.9184, 0.8624

Details

The HunterLab color **12.5762, -5.9184, 0.8624** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **8.6235, 6.6949, 1.4959**, and the grayscale version is **11.3791, -0.6072, 0.6182**.

A 20% lighter version of the original color is **27.5539, -8.5718, 1.7205**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.4550, -6.4282, 0.9753**, and if you desaturate by 10%, it is **12.7191, -5.3325, 0.7736**.

Distribution



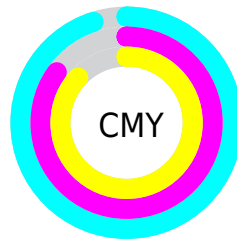
- Red (5%)
- Green (15%)
- Blue (13%)



- Red (5%)
- Yellow (11%)
- Blue (15%)



- Cyan (66%)
- Magenta (0%)
- Yellow (13%)
- Black (85%)



- Cyan (95%)
- Magenta (85%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5762, -5.9184, 0.8624 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 12.5762, -5.9184, 0.8624 by changing the saturation by 10% instead.

■ 12.5762, -5.9184,
0.8624

■ 12.5762, -5.9184,
0.8624

■ 104.0590,
-16.9292, 6.0262

■ 5.8753, -8.6716,
0.5806

■ 27.5534, -8.5460,
1.7317

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.3826, -9.7758,
2.2350

0.0000, NaN, NaN

■ 45.9940, -10.9808,
2.7790

0.0000, NaN, NaN

■ 56.3283, -12.1728,
3.3609

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.3383, -13.3593,
3.9783

0.0000, NaN, NaN

■ 78.9846, -14.5453,

0.0000, NaN, NaN

4.6294

■ 91.2343, -15.7344,
5.3125

■ 12.5762, -5.9184,
0.8624

■ 12.5762, -5.9184,
0.8624

■ 12.4550, -6.4282,
0.9753

■ 12.7191, -5.3325,
0.7736

■ 12.3395, -6.9192,
1.0930

■ 12.8838, -4.6696,
0.7102

■ 12.2232, -7.4178,
1.2075

■ 13.0708, -3.9324,
0.6730

■ 12.1741, -7.6302,
1.2548

■ 13.2802, -3.1241,
0.6623

■ 13.5119, -2.2490,
0.6782

■ 13.7656, -1.3117,
0.7203

■ 14.0410, -0.3173,
0.7881

■ 14.3375, 0.7292,
0.8807

■ 14.6546, 1.8225,
0.9971

Harmonies

Analogous

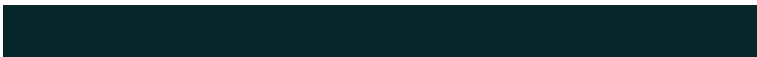
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



12.5764, -5.1918, 3.2444



12.5762, -5.9184, 0.8624



12.5764, -5.3521, -2.1764

Triad

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



12.5764, -5.9185, 0.8626



12.5764, 2.1551, -5.1586



12.5764, 2.5116, 4.5046

Complementary

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



12.5762, -5.9184, 0.8624



8.6235, 6.6949, 1.4959

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.



12.5764, 4.8123, 2.9996



12.5762, -5.9184, 0.8624



12.5764, 4.5934, -2.5606

Square

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



12.5764, -5.9185, 0.8626



12.5764, -0.8597, -6.1018



12.5764, 5.6072, 0.5039



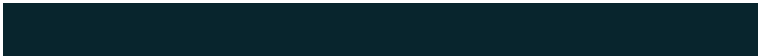
12.5764, -0.4827, 5.0631

Rectangle

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



12.5762, -5.9184, 0.8624



12.5764, -4.2849, -4.1074



12.5764, 5.6072, 0.5039



12.5764, 3.4018, 4.1144

Sweetspot

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



12.5764, -5.9185, 0.8626



16.6700, -3.4052, 0.8299



12.4419, -7.0948, 5.7277



9.6241, -1.9636, 0.4791



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.



12.5764, -5.9185, 0.8626



15.4117, -8.4455, 1.3507



10.9599, -2.8330, -3.2165



7.6192, -0.8290, 0.3946



25.2177, -16.1755, 3.3983



69.6062, -45.3255, 10.8430

Inverse Universe

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



8.6235, 6.6949, 1.4959



9.5046, 10.7582, 2.5203



9.7183, 3.6320, 3.7287



7.3373, 0.0445, 0.4258



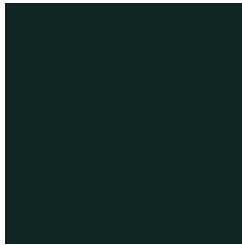
13.4697, 23.3523, 6.4951



37.0619, 63.9172, 20.4783

Previews

White Background



This preview shows how the HunterLab color 12.5762, -5.9184, 0.8624 looks on a white background.

Color Contrast Check

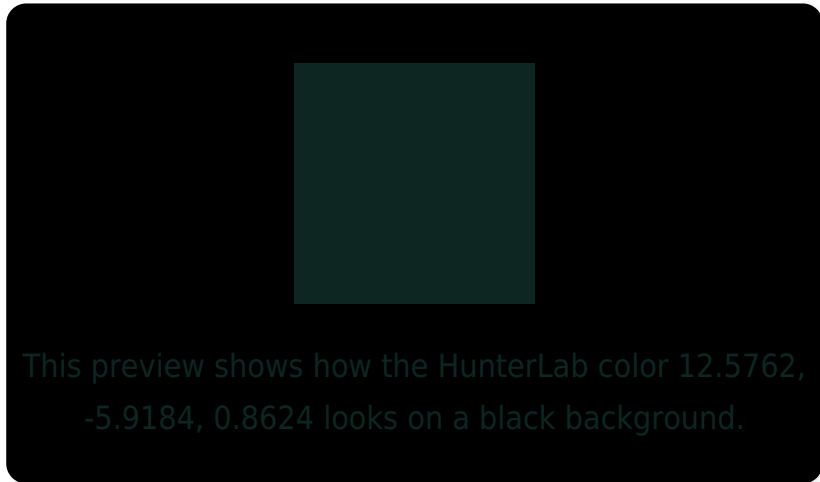
Large Text (above 18pt) WCAG AA ✓ Pass

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

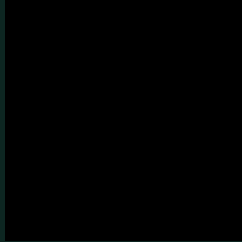
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

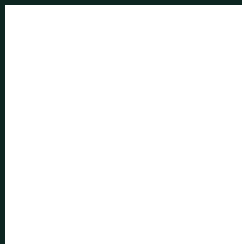
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 12.5762, -5.9184, 0.8624 Background



This preview shows how black text looks on a background with the HunterLab color 12.5762, -5.9184, 0.8624.



This preview shows how white text looks on a background with the HunterLab color 12.5762, -5.9184,

0.8624.

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

12.5762, -5.9184, 0.8624

Protanopia

12.6503, -0.7964, 1.7055

Deuteranopia

12.6354, 0.4284, 0.6920



Tritanopia

12.5956, -4.2108, -1.7620

Trichromacy



Original Color

12.5762, -5.9184, 0.8624

Protanomaly

12.4071, -2.8118, 1.0659

Deuteranomaly

12.5077, -2.3562, 0.4922

Tritanomaly

12.4830, -4.7933, -0.7050

Monochromacy



Original Color

12.5762, -5.9184, 0.8624

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

11.7509, -2.8237, 0.6507

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5762, -5.9184, 0.8624 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(13, 38, 33)` looks like.

```
.text, #text, p{  
    color:rgb(13, 38, 33)  
}
```

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(13, 38, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 38, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5762, -5.9184, 0.8624 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(13, 38, 33) }
```


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

```
.border{ border-color:rgb(13, 38, 33) }
```

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

Here you see how a box with a 4 pixel rgb(13, 38, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 38, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 38, 33);  
box-shadow:4px 4px 4px 4px rgb(13, 38, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.5762, -5.9184, 0.8624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 38, 33) }
```

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

```
.background{ background-color: rgb(13, 38,  
33) }
```

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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