

Converting Colors

HunterLab(12.6187, -6.4613,
3.8661)

Have a look what the booklet for
HunterLab(12.6187, -6.4613, 3.8661)
contains.

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Color

**HunterLab(12.5566, -6.3764,
3.7981)**

Conversions

Conversions Part 1

Format	Color
Hex	122617
RGB	18, 38, 23
RGB Percent	7%, 15%, 9%
CMY	0.9294, 0.8510, 0.9098
CMYK	0.53, 0.00, 0.39, 0.85
HSL	135°, 36%, 11%
HSV	135°, 53%, 15%
XYZ	1.0972, 1.5767, 1.0571
YIQ	30.3100, -7.1050, -8.9050

Conversions

Conversions Part 2

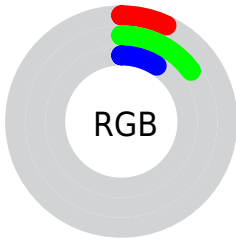
Format	Color
RYB	18, 34, 38
Decimal	1189399
CIELab	13.09, -12.37, 7.48
CIElCh	13, 14.462, 148.833
Yxy	1.5767, 0.2941, 0.4226
Android (android.graphics.Color)	4279379479 (0xFF122617)
YUV	30.3100, -3.6038, -10.7959
Hunter-Lab	12.5566, -6.3764, 3.7981

Details

The HunterLab color **12.5566, -6.3764, 3.7981** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **9.7699, 6.4749, -2.5985**, and the grayscale version is **11.5033, -0.6138, 0.6250**.

A 20% lighter version of the original color is **27.5172, -9.2269, 5.6888**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.3786, -7.1708, 4.2984**, and if you desaturate by 10%, it is **12.7613, -5.4854, 3.2675**.

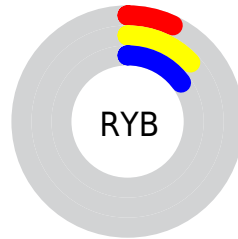
Distribution



Red (7%)

Green (15%)

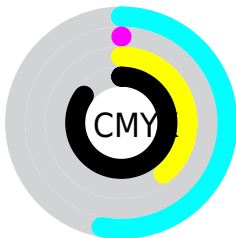
Blue (9%)



Red (7%)

Yellow (13%)

Blue (15%)

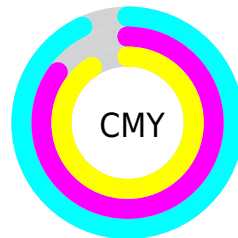


Cyan (53%)

Magenta (0%)

Yellow (39%)

Black (85%)



Cyan (93%)

Magenta (85%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5566, -6.3764, 3.7981 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 12.5566, -6.3764, 3.7981 by changing the saturation by 10% instead.

■ 12.5566, -6.3764,
3.7981

■ 12.5566, -6.3764,
3.7981

■ 104.0194,
-18.0141, 12.7413

■ 5.8468, -9.5350,
4.0927

■ 27.5280, -9.1949,
5.8086

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.3547, -10.5026,
6.7810

0.0000, NaN, NaN

■ 45.9638, -11.7782,
7.7513

0.0000, NaN, NaN

■ 56.2960, -13.0353,
8.7265

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.3040, -14.2823,
9.7108

0.0000, NaN, NaN

■ 78.9485, -15.5252,

0.0000, NaN, NaN

10.7069

■ 91.1964, -16.7681,
11.7167

■ 12.5566, -6.3764,
3.7981

■ 12.5566, -6.3764,
3.7981

■ 12.3786, -7.1708,
4.2984

■ 12.7613, -5.4854,
3.2675

■ 12.2263, -7.8637,
4.7642

■ 12.9919, -4.5026,
2.7102

■ 12.0906, -8.4896,
5.1847

■ 13.2485, -3.4348,
2.1304

■ 11.9580, -9.1021,
5.5474

■ 13.5305, -2.2893,
1.5323

■ 11.8621, -9.5452,
5.7787

■ 13.8375, -1.0736,
0.9196

■ 14.1686, 0.2047,
0.2961

■ 14.5231, 1.5379,
-0.3351

■ 14.9001, 2.9191,
-0.9709

■ 15.2987, 4.3416,
-1.6089

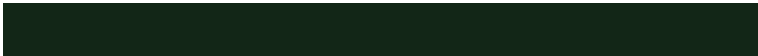
Harmonies

Analogous

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



12.5569, -4.0318, 5.5231



12.5566, -6.3764, 3.7981



12.5569, -7.2239, 0.8255

Triad

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



12.5569, -6.3766, 3.7982



12.5569, -0.8205, -8.5437



12.5569, 6.4621, 3.6170

Complementary

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



12.5566, -6.3764, 3.7981



9.7699, 6.4749, -2.5985

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.



12.5569, 7.5826, 0.5398



12.5566, -6.3764, 3.7981



12.5569, 3.0860, -7.1427

Square

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



12.5569, -6.3766, 3.7982



12.5569, -4.2628, -6.9196



12.5569, 6.2804, -3.5146



12.5569, 3.3770, 5.4258

Rectangle

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



12.5566, -6.3764, 3.7981



12.5569, -6.9141, -1.7976



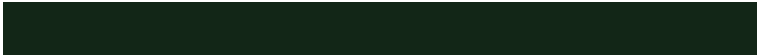
12.5569, 6.2804, -3.5146



12.5569, 7.0963, 2.7431

Sweetspot

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



12.5569, -6.3766, 3.7982



16.6970, -3.4843, 2.2357



13.2412, -3.9010, 5.5284



9.6433, -1.9945, 1.2818



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.



12.5569, -6.3766, 3.7982



15.3343, -9.3151, 5.6066



12.7463, -5.2615, 1.0691



7.5990, -0.9410, 0.6831



24.5487, -20.2951, 13.1275



67.7499, -56.7758, 37.8813

Inverse Universe

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



9.7699, 6.4749, -2.5985



11.0835, 10.4377, -4.1212



9.5214, 5.2781, 0.9116



7.3581, 0.1572, 0.1289



14.5431, 27.2370, -8.6753



39.9977, 74.5681, -21.2144

Previews

White Background



This preview shows how the HunterLab color 12.5566, -6.3764, 3.7981 looks on a white background.

Color Contrast Check

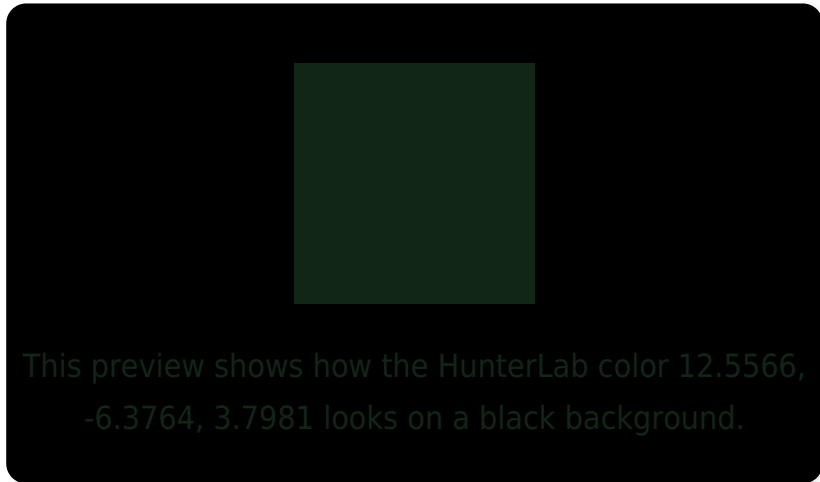
Large Text (above 18pt) WCAG AA ✓ Pass

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

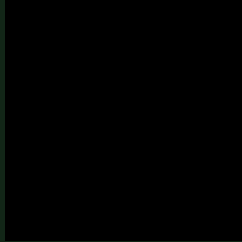
Any Text WCAG AA × Fail

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 12.5566, -6.3764, 3.7981 Background



This preview shows how black text looks on a background with the HunterLab color 12.5566, -6.3764, 3.7981.



This preview shows how white text looks on a background with the HunterLab color 12.5566, -6.3764, 3.7981.

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

12.5566, -6.3764, 3.7981

Protanopia

12.6155, -1.2730, 4.4170

Deuteranopia

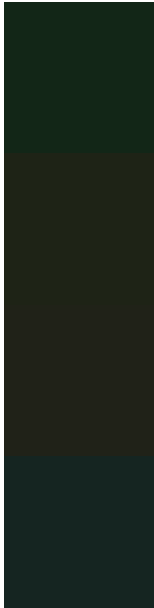
12.4503, 0.5270, 3.5658



Tritanopia

12.5651, -3.1238, -1.3694

Trichromacy



Original Color

12.5566, -6.3764, 3.7981

Protanomaly

12.3936, -3.2351, 3.9490

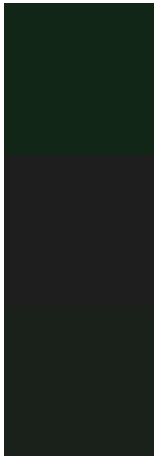
Deuteranomaly

12.3170, -2.2430, 3.3906

Tritanomaly

12.6189, -4.4672, 0.9371

Monochromacy



Original Color

12.5566, -6.3764, 3.7981

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

11.7748, -2.9043, 1.9835

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5566, -6.3764, 3.7981 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(18, 38, 23)` looks like.

```
.text, #text, p{  
    color:rgb(18, 38, 23)  
}
```

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(18, 38, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 38, 23) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5566, -6.3764, 3.7981 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(18, 38, 23) }
```


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

```
.border{ border-color:rgb(18, 38, 23) }
```

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

Here you see how a box with a 4 pixel rgb(18, 38, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 38, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 38, 23);  
box-shadow:4px 4px 4px 4px rgb(18, 38, 23)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.5566, -6.3764, 3.7981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 38, 23) }
```

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

```
.background{ background-color: rgb(18, 38,  
23) }
```

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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