

Converting Colors

HunterLab(12.1716, -4.5068,
0.3585)

Have a look what the booklet for
HunterLab(12.1716, -4.5068, 0.3585)
contains.

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Color

**HunterLab(12.2481, -4.6038,
0.5015)**

Conversions

Conversions Part 1

Format	Color
Hex	122421
RGB	18, 36, 33
RGB Percent	7%, 14%, 13%
CMY	0.9294, 0.8588, 0.8706
CMYK	0.50, 0.00, 0.08, 0.86
HSL	170°, 33%, 11%
HSV	170°, 50%, 14%
XYZ	1.1548, 1.5002, 1.6675
YIQ	30.2760, -9.7650, -4.7490

Conversions

Conversions Part 2

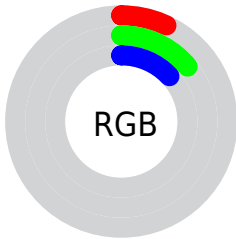
Format	Color
R_{YB}	18, 28, 36
Decimal	1188897
CIE Lab	12.61, -8.37, -0.34
CIE LCh	13, 8.375, 182.332
Yxy	1.5002, 0.2672, 0.3471
Android (android.graphics.Color)	4279378977 (0xFF122421)
YUV	30.2760, 1.3429, -10.7661
Hunter-Lab	12.2481, -4.6038, 0.5015

Details

The HunterLab color **12.2481, -4.6038, 0.5015** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **9.2837, 4.5050, 1.2681**, and the grayscale version is **11.4785, -0.6125, 0.6236**.

A 20% lighter version of the original color is **27.2264, -6.9559, 1.3653**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.1032, -5.1867, 0.5325**, and if you desaturate by 10%, it is **12.4140, -3.9515, 0.4958**.

Distribution



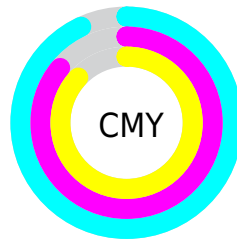
- Red (7%)
- Green (14%)
- Blue (13%)



- Red (7%)
- Yellow (11%)
- Blue (14%)



- Cyan (50%)
- Magenta (0%)
- Yellow (8%)
- Black (86%)



- Cyan (93%)
- Magenta (86%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.2481, -4.6038, 0.5015 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 12.2481, -4.6038, 0.5015 by changing the saturation by 10% instead.

12.2481, -4.6038,
0.5015

12.2481, -4.6038,
0.5015

103.3932,
-13.9956, 5.2937

5.3748, -7.0712,
0.0297

27.1265, -6.7457,
1.2620

0.0000, NaN, NaN

0.0000, NaN, NaN

35.9141, -7.7747,
1.7195

0.0000, NaN, NaN

45.4872, -8.7969,
2.2214

0.0000, NaN, NaN

55.7860, -9.8200,
2.7642

0.0000, NaN, NaN

0.0000, NaN, NaN


66.7626, -10.8488,
3.3450


0.0000, NaN, NaN


78.3774, -11.8863,


0.0000, NaN, NaN


3.9614


 90.5971, -12.9348,
4.6115


 12.2481, -4.6038,
0.5015


 12.2481, -4.6038,
0.5015


 12.1032, -5.1867,
0.5325


 12.4140, -3.9515,
0.4958


 11.9783, -5.6981,
0.5876


 12.6004, -3.2321,
0.5151


 11.8670, -6.1617,
0.6585

 12.8074, -2.4491,
0.5594

 11.7553, -6.6315,
0.7277

 13.0349, -1.6065,
0.6285

 11.6428, -7.1094,
0.7948

 13.2826, -0.7087,
0.7217

■ 11.6428, -7.1094,
0.7948

■ 13.5501, 0.2397,
0.8382

■ 13.8369, 1.2341,
0.9770

■ 14.1425, 2.2697,
1.1370

■ 14.4662, 3.3422,
1.3171

Harmonies

Analogous

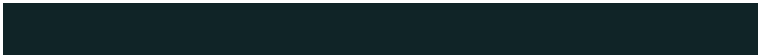
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



12.2483, -4.1829, 2.3933



12.2481, -4.6038, 0.5015



12.2483, -4.0302, -1.6888

Triad

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



12.2483, -4.6039, 0.5017



12.2483, 1.6934, -3.2479



12.2483, 1.3744, 3.7242

Complementary

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



12.2481, -4.6038, 0.5015



9.2837, 4.5050, 1.2681

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.



12.2483, 3.1324, 2.6311



12.2481, -4.6038, 0.5015



12.2483, 3.3256, -1.3547

Square

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



12.2483, -4.6039, 0.5017



12.2483, -0.4814, -4.0787



12.2483, 3.8697, 0.8295



12.2483, -0.8260, 4.0482

Rectangle

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



12.2481, -4.6038, 0.5015



12.2483, -3.1355, -2.9690



12.2483, 3.8697, 0.8295



12.2483, 2.0419, 3.4455

Sweetspot

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



12.2483, -4.6039, 0.5017



16.0168, -2.6280, 0.7257



12.1170, -5.6519, 4.5672



8.9799, -1.4466, 0.4086



55.4075, -2.9564, 3.0104



9.2414, -0.4931, 0.5021

Same Dimension

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



12.2483, -4.6039, 0.5017



14.9685, -6.6974, 0.6842



10.9537, -2.2238, -2.3240



7.6205, -0.8221, 0.3768



25.2819, -15.7862, 2.4777



69.7966, -44.1705, 8.1119

Inverse Universe

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



9.2837, 4.5050, 1.2681



10.4142, 7.4604, 1.9476



10.2944, 2.0512, 3.0832



7.3360, 0.0378, 0.4434



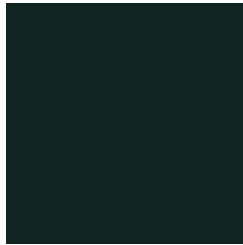
13.4410, 23.2460, 6.9184



37.0005, 63.6902, 21.3847

Previews

White Background



This preview shows how the HunterLab color 12.2481, -4.6038, 0.5015 looks on a white background.

Color Contrast Check

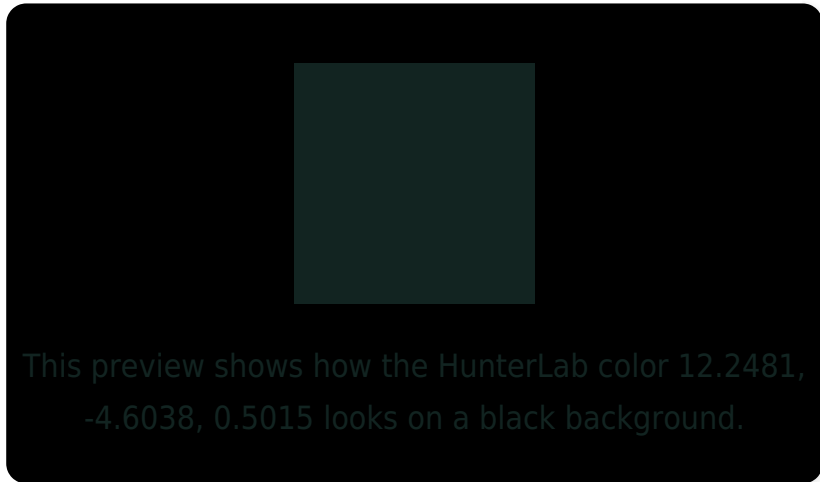
Large Text (above 18pt) WCAG AA ✓ Pass

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

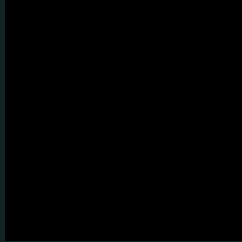
Any Text WCAG AA × Fail

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 12.2481, -4.6038, 0.5015 Background



This preview shows how black text looks on a background with the HunterLab color 12.2481, -4.6038, 0.5015.



This preview shows how white text looks on a background with the HunterLab color 12.2481, -4.6038,

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

12.2481, -4.6038, 0.5015

Protanopia

12.3561, -0.6634, 1.3818

Deuteranopia

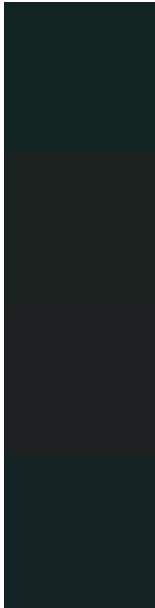
12.2713, 0.3210, 0.2551



Tritanopia

12.2095, -3.2474, -1.4380

Trichromacy



Original Color

12.2481, -4.6038, 0.5015

Protanomaly

12.2279, -2.2520, 0.8695

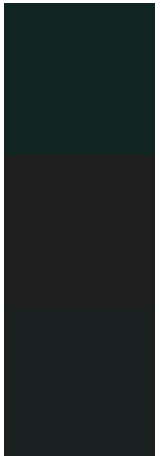
Deuteranomaly

12.1013, -1.4222, 0.0171

Tritanomaly

12.1156, -3.6991, -0.7670

Monochromacy



Original Color

12.2481, -4.6038, 0.5015

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

11.6257, -2.0763, 0.5162

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.2481, -4.6038, 0.5015 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, 36, 33)` looks like.

```
.text, #text, p{  
    color:rgb(18, 36, 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(18, 36, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 36, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 12.2481, -4.6038, 0.5015 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, 36, 33) }
```


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

```
.border{ border-color:rgb(18, 36, 33) }
```

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

Here you see how a box with a 4 pixel rgb(18, 36, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 36, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 36, 33);  
box-shadow:4px 4px 4px 4px rgb(18, 36, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.2481, -4.6038, 0.5015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 36, 33) }
```

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

```
.background{ background-color: rgb(18, 36,  
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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