

Converting Colors

HunterLab(12.3436, -6.0398,
1.7374)

Have a look what the booklet for
HunterLab(12.3436, -6.0398, 1.7374)
contains.

HunterLab(12.2892, -5.8624, 1.5439) 3
 Conversions 4
 Details 6
 Harmonies 12
 Previews 24
 Color Blindness Simulation 28
 CSS Examples 31

Color

**HunterLab(12.2892, -5.8624,
1.5439)**

Conversions

Conversions Part 1	
Format	Color
Hex	0E251E
RGB	14, 37, 30
RGB Percent	5%, 15%, 12%
CMY	0.9451, 0.8549, 0.8824
CMYK	0.62, 0.00, 0.19, 0.85
HSL	162°, 45%, 10%
HSV	162°, 62%, 15%
XYZ	1.0770, 1.5102, 1.4630
YIQ	29.3250, -11.4610, -7.0530

Conversions

Conversions Part 2

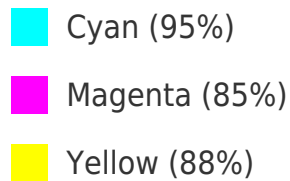
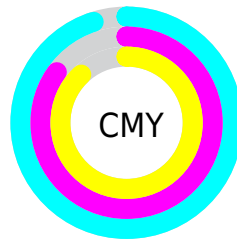
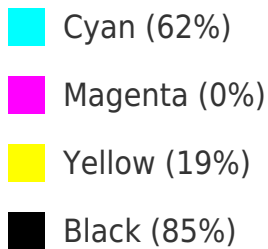
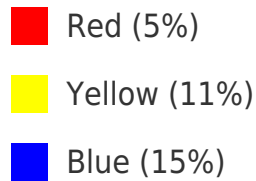
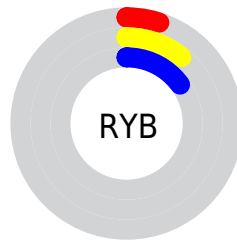
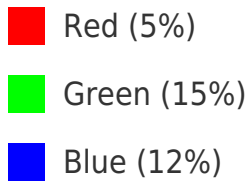
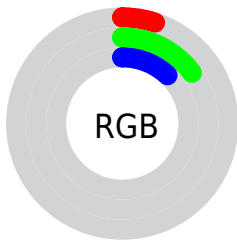
Format	Color
RYB	14, 28, 37
Decimal	927006
CIELab	12.67, -11.29, 1.89
CIELCh	13, 11.443, 170.499
Yxy	1.5103, 0.2659, 0.3729
Android (android.graphics.Color)	4279117086 (0xFF0E251E)
YUV	29.3250, 0.3328, -13.4400
Hunter-Lab	12.2892, -5.8624, 1.5439

Details

The HunterLab color **12.2892, -5.8624, 1.5439** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **8.7269, 6.3153, 0.6675**, and the grayscale version is **11.1868, -0.5969, 0.6078**.

A 20% lighter version of the original color is **27.2553, -8.4133, 2.5542**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.1563, -6.4318, 1.7484**, and if you desaturate by 10%, it is **12.4440, -5.2166, 1.3584**.


Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 12.2892, -5.8624, 1.5439 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 12.2892, -5.8624, 1.5439 by changing the saturation by 10% instead.

 12.2892, -5.8624,
1.5439

 12.2892, -5.8624,
1.5439


 103.4769,
-16.8925, 7.4656

 5.4403, -9.3303,
1.7354


 27.1801, -8.5004,
2.6379

0.0000, NaN, NaN


0.0000, NaN, NaN

 35.9729, -9.7328,
3.2348

0.0000, NaN, NaN


 45.5508, -10.9397,
3.8645

0.0000, NaN, NaN

 55.8541, -12.1331,
4.5258

0.0000, NaN, NaN

0.0000, NaN, NaN


 66.8349, -13.3207,
5.2176


0.0000, NaN, NaN


 78.4537, -14.5075,


0.0000, NaN, NaN


5.9388


 90.6772, -15.6972,
6.6884


 12.2892, -5.8624,
1.5439


 12.2892, -5.8624,
1.5439


 12.1563, -6.4318,
1.7484


 12.4440, -5.2166,
1.3584


 12.0351, -6.9591,
1.9594


 12.6202, -4.4962,
1.1930

 11.9135, -7.4928,
2.1628

 12.8183, -3.7045,
1.0490

 11.8178, -7.9159,
2.3169

 13.0382, -2.8455,
0.9273

 13.2797, -1.9239,
0.8284

■ 13.5424, -0.9445,
0.7524

■ 13.8258, 0.0875,
0.6994

■ 14.1295, 1.1667,
0.6690

■ 14.4529, 2.2882,
0.6607

Harmonies

Analogous

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



12.2894, -4.8134, 3.6826



12.2892, -5.8624, 1.5439



12.2894, -5.6241, -1.4208

Triad

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



12.2894, -5.8625, 1.5440



12.2894, 1.4381, -5.6910



12.2894, 3.2487, 4.2106

Complementary

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



12.2892, -5.8624, 1.5439



8.7269, 6.3153, 0.6675

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.



12.2894, 5.2522, 2.4460



12.2892, -5.8624, 1.5439



12.2894, 4.1391, -3.3767

Square

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



12.2894, -5.8625, 1.5440



12.2894, -1.5978, -6.0994



12.2894, 5.5929, -0.2756



12.2894, 0.3143, 5.0392

Rectangle

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



12.2892, -5.8624, 1.5439



12.2894, -4.7574, -3.4736



12.2894, 5.5929, -0.2756



12.2894, 4.0648, 3.7359

Sweetspot

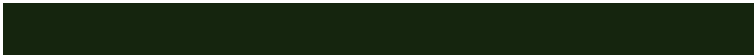
The Sweet Spot groups the original color and five complimentary colors.



12.2894, -5.8625, 1.5440



16.6779, -3.4175, 1.1569



12.3185, -6.2528, 5.4813



9.6256, -1.9824, 0.6690



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.



12.2894, -5.8625, 1.5440



15.3815, -8.7127, 2.4544



11.4137, -3.5068, -2.1207



7.6153, -0.8506, 0.4502



25.0349, -17.2885, 6.0294



69.0713, -48.5894, 18.5575

Inverse Universe

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



8.7269, 6.3153, 0.6675



9.8367, 10.5402, 1.3052



9.2992, 4.1139, 3.1530



7.3411, 0.0656, 0.3703



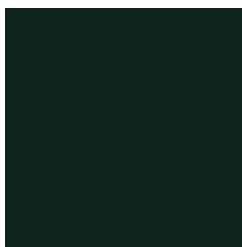
13.5847, 23.7757, 4.8133



37.3310, 64.9112, 16.5201

Previews

White Background



This preview shows how the HunterLab color 12.2892, -5.8624, 1.5439 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



This preview shows how the HunterLab color 12.2892, -5.8624, 1.5439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

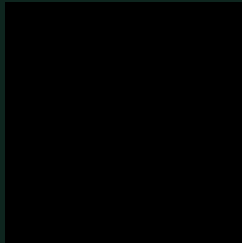
Any Text WCAG AA × Fail

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 12.2892, -5.8624, 1.5439 Background



This preview shows how black text looks on a background with the HunterLab color 12.2892, -5.8624, 1.5439.



This preview shows how white text looks on a background with the HunterLab color 12.2892, -5.8624,

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

12.2892, -5.8624, 1.5439

Protanopia

12.3648, -0.7551, 2.3380

Deuteranopia

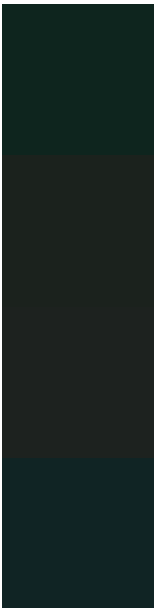
12.3502, 0.4542, 1.3948



Tritanopia

12.3588, -3.8882, -1.6610

Trichromacy



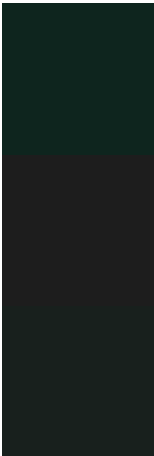
Original Color
12.2892, -5.8624, 1.5439

Protanomaly
12.1069, -2.8196, 1.7184

Deuteranomaly
12.2646, -2.1636, 1.2527

Tritanomaly
12.2445, -4.4738, -0.6152

Monochromacy



Original Color
12.2892, -5.8624, 1.5439

Achromatopsia
11.0844, -0.5914, 0.6022

Achromatomaly
11.4714, -2.7254, 1.0130

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.2892, -5.8624, 1.5439 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(14, 37, 30)` looks like.

```
.text, #text, p{  
    color:rgb(14, 37, 30)  
}
```

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(14, 37, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 37, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 12.2892, -5.8624, 1.5439 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(14, 37, 30) }
```


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

```
.border{ border-color:rgb(14, 37, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 37, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 37, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 37, 30);  
box-shadow:4px 4px 4px 4px rgb(14, 37, 30)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.2892, -5.8624, 1.5439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 37, 30) }
```

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

```
.background{ background-color: rgb(14, 37,  
30) }
```

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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