

Converting Colors

HunterLab(12.5000, -0.3604,
2.7615)

Have a look what the booklet for
HunterLab(12.5000, -0.3604, 2.7615)
contains.

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Color

**HunterLab(12.4906, -0.3563,
2.7685)**

Conversions

Conversions Part 1

Format	Color
Hex	25211B
RGB	37, 33, 27
RGB Percent	15%, 13%, 11%
CMY	0.8549, 0.8706, 0.8941
CMYK	0.00, 0.11, 0.27, 0.85
HSL	36°, 16%, 13%
HSV	36°, 27%, 15%
XYZ	1.5046, 1.5602, 1.2587
YIQ	33.5120, 4.3100, -1.0180

Conversions

Conversions Part 2

Format	Color
R_{YB}	34, 37, 27
Decimal	2433307
CIE Lab	12.99, 0.61, 4.75
CIE LCh	13, 4.791, 82.720
Yxy	1.5602, 0.3480, 0.3609
Android (android.graphics.Color)	4280623387 (0xFF25211B)
YUV	33.5120, -3.2104, 3.0590
Hunter-Lab	12.4906, -0.3563, 2.7685

Details

The HunterLab color **12.4906, -0.3563, 2.7685** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **11.6039, -0.6802, -1.8046**, and the grayscale version is **12.5026, -0.6671, 0.6793**.

A 20% lighter version of the original color is **27.4660, -1.0192, 4.3984**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.0988, -0.1589, 3.4024**, and if you desaturate by 10%, it is **12.8934, -0.5206, 2.0695**.

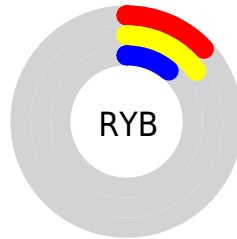
Distribution



Red (15%)

Green (13%)

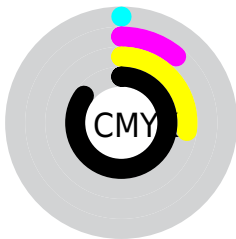
Blue (11%)



Red (13%)

Yellow (15%)

Blue (11%)

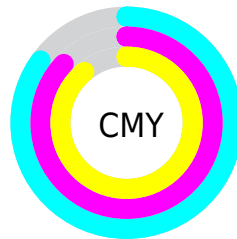


Cyan (0%)

Magenta (11%)

Yellow (27%)

Black (85%)



Cyan (85%)

Magenta (87%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4906, -0.3563, 2.7685 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 12.4906, -0.3563, 2.7685 by changing the saturation by 10% instead.

■ 12.4906, -0.3563,
2.7685

■ 12.4906, -0.3563,
2.7685

103.8858, -4.9219,
10.2088

■ 5.7494, 0.1531,
3.7396

■ 27.4422, -1.0629,
4.3194

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.2606, -1.4949,
5.1047

0.0000, NaN, NaN

■ 45.8620, -1.9719,
5.9057

0.0000, NaN, NaN

■ 56.1872, -2.4901,
6.7252

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.1885, -3.0464,
7.5647

0.0000, NaN, NaN

■ 78.8266, -3.6384,

0.0000, NaN, NaN

8.4249

■ 91.0686, -4.2642,
9.3063

■ 12.4906, -0.3563,
2.7685

■ 12.4906, -0.3563,
2.7685

■ 12.0988, -0.1589,
3.4024

■ 12.8934, -0.5206,
2.0695

■ 11.7178, 0.0741,
3.9668

■ 13.3060, -0.6520,
1.3086

■ 11.3483, 0.3436,
4.4581

■ 13.7280, -0.7525,
0.4897

■ 10.9909, 0.6504,
4.8728

■ 14.1592, -0.8236,
-0.3837

■ 10.6455, 0.9916,
5.2176

■ 14.5990, -0.8667,
-1.3082

■ 10.3063, 1.3347,
5.5811

■ 15.0470, -0.8835,
-2.2806

■ 9.9722, 1.6716,
5.9863

■ 15.5028, -0.8753,
-3.2980

■ 9.8740, 1.7704,
6.1153

■ 15.9662, -0.8436,
-4.3575

■ 16.4367, -0.7896,
-5.4566

Harmonies

Analogous

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



12.4909, 0.8442, 2.3882



12.4906, -0.3563, 2.7685



12.4909, -1.5949, 2.6356

Triad

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



12.4909, -0.3567, 2.7687



12.4909, -2.8375, -0.2494



12.4909, 1.3326, -0.8081

Complementary

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



12.4906, -0.3563, 2.7685



11.6039, -0.6802, -1.8046

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.



12.4909, 0.2885, -1.6542



12.4906, -0.3563, 2.7685



12.4909, -2.1099, -1.3099

Square

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



12.4909, -0.3567, 2.7687



12.4909, -2.9948, 0.9703



12.4909, -0.9746, -1.8464



12.4909, 1.8445, 0.3824

Rectangle

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



12.4906, -0.3563, 2.7685



12.4909, -2.2785, 2.2667



12.4909, -0.9746, -1.8464



12.4909, 1.0303, -1.1469

Sweetspot

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



12.4909, -0.3567, 2.7687



16.8838, -0.8083, 1.8217



11.2965, 2.3878, 0.1989



9.7365, -0.4636, 1.0713



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.



12.4909, -0.3567, 2.7687



15.5647, -0.2778, 4.1202



13.3317, -2.0825, 3.5670



7.5491, -0.3661, 0.7752



19.9246, 5.8223, 12.3794



53.2533, 19.8244, 33.1615

Inverse Universe

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



11.6039, -0.6802, -1.8046



14.1429, -0.7872, -3.2268



10.7904, 1.0466, -2.9499



7.4026, -0.4208, 0.0220



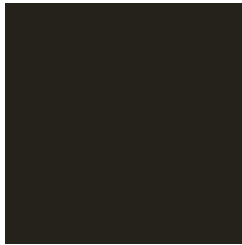
12.9249, 5.5759, -28.1918



33.0002, 21.5566, -87.7818

Previews

White Background



This preview shows how the HunterLab color 12.4906, -0.3563, 2.7685 looks on a white background.

Color Contrast Check

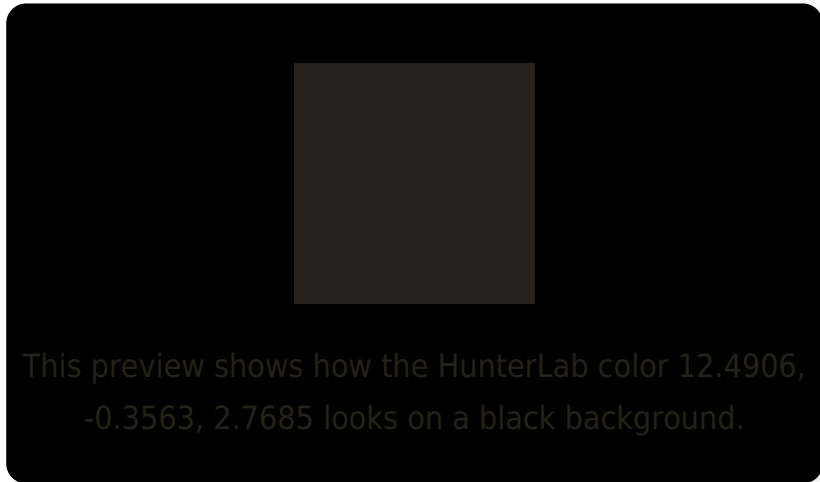
Large Text (above 18pt) WCAG AA ✓ Pass

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

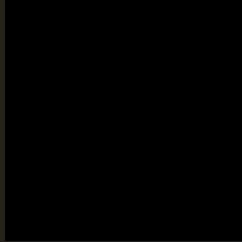
Any Text WCAG AA × Fail

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 12.4906, -0.3563, 2.7685 Background



This preview shows how black text looks on a background with the HunterLab color 12.4906, -0.3563, 2.7685.



This preview shows how white text looks on a background with the HunterLab color 12.4906, -0.3563,

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

12.4906, -0.3563, 2.7685

Protanopia

12.4174, -0.6101, 2.6899

Deuteranopia

12.4237, 0.5433, 2.7165



Tritanopia

12.4923, 1.0658, 0.5337

Trichromacy



Original Color

12.4906, -0.3563, 2.7685

Protanomaly

12.4174, -0.6101, 2.6899

Deuteranomaly

12.3459, 0.2795, 2.6328

Tritanomaly

12.4259, 0.7099, 1.4838

Monochromacy



Original Color

12.4906, -0.3563, 2.7685

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.6503, -0.7964, 1.7055

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4906, -0.3563, 2.7685 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(37, 33, 27)` looks like.

```
.text, #text, p{  
    color:rgb(37, 33, 27)  
}
```

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(37, 33, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 33, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4906, -0.3563, 2.7685 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(37, 33, 27) }
```


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

```
.border{ border-color:rgb(37, 33, 27) }
```

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

Here you see how a box with a 4 pixel rgb(37, 33, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 33, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 33, 27);  
box-shadow:4px 4px 4px 4px rgb(37, 33, 27)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.4906, -0.3563, 2.7685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 33, 27) }
```

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

```
.background{ background-color: rgb(37, 33,  
27) }
```

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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