

Converting Colors

HunterLab(12.8122, 5.5321,
0.1859)

Have a look what the booklet for
HunterLab(12.8122, 5.5321, 0.1859)
contains.

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Color

**HunterLab(12.8805, 5.5139,
0.3506)**

Conversions

Conversions Part 1

Format	Color
Hex	311D24
RGB	49, 29, 36
RGB Percent	19%, 11%, 14%
CMY	0.8078, 0.8863, 0.8588
CMYK	0.00, 0.41, 0.27, 0.81
HSL	339°, 26%, 15%
HSV	339°, 41%, 19%
XYZ	2.0244, 1.6591, 1.8826
YIQ	35.7780, 9.6730, 6.4170

Conversions

Conversions Part 2

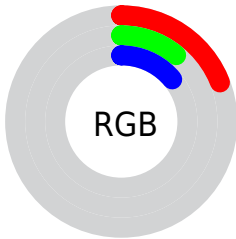
Format	Color
RYB	49, 29, 36
Decimal	3218724
CIELab	13.59, 11.07, -0.71
CIELCh	14, 11.096, 356.350
Yxy	1.6592, 0.3637, 0.2981
Android (android.graphics.Color)	4281408804 (0xFF311D24)
YUV	35.7780, 0.1094, 11.5957
Hunter-Lab	12.8805, 5.5139, 0.3506

Details

The HunterLab color **12.8805, 5.5139, 0.3506** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.2020, -6.0658, 1.8610**, and the grayscale version is **13.2094, -0.7048, 0.7177**.

A 20% lighter version of the original color is **27.9841, 6.2310, 1.2730**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.9130, 7.1309, 0.3720**, and if you desaturate by 10%, it is **13.9252, 3.8973, 0.4076**.

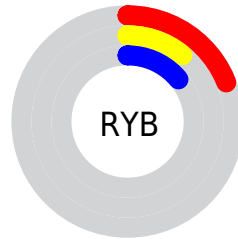
Distribution



Red (19%)

Green (11%)

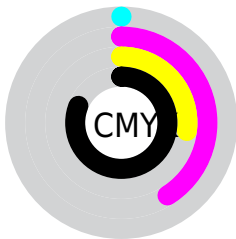
Blue (14%)



Red (19%)

Yellow (11%)

Blue (14%)

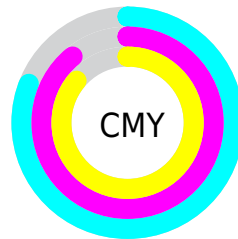


Cyan (0%)

Magenta (41%)

Yellow (27%)

Black (81%)



Cyan (81%)

Magenta (89%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.8805, 5.5139, 0.3506 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 12.8805, 5.5139, 0.3506 by changing the saturation by 10% instead.

■ 12.8805, 5.5139,
0.3506

■ 12.8805, 5.5139,
0.3506

104.6728, 6.1020,
5.0007

■ 6.3008, 7.3216,
-0.1218

■ 27.9481, 6.2655,
1.0703

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.8154, 6.4658,
1.5103

0.0000, NaN, NaN

■ 46.4618, 6.5752,
1.9961

0.0000, NaN, NaN

■ 56.8288, 6.6061,
2.5238

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 67.8693, 6.5678,
3.0904


0.0000, NaN, NaN

■ 79.5446, 6.4674,


0.0000, NaN, NaN


3.6934


 91.8218, 6.3106,
4.3307


 12.8805, 5.5139,
0.3506


 12.8805, 5.5139,
0.3506


 11.9130, 7.1309,
0.3720


 13.9252, 3.8973,
0.4076


 11.0337, 8.7201,
0.4837


 15.0361, 2.2997,
0.5302


 10.2557, 10.2347,
0.6971

 16.2048, 0.7292,
0.7080

 9.5915, 11.6130,
1.0181

 17.4241, -0.8112,
0.9322

 8.9524, 13.0931,
1.3396

 18.6880, -2.3215,
1.1952

■ 8.3301, 14.7570,
1.5734

■ 19.9916, -3.8037,
1.4911

■ 21.3307, -5.2603,
1.8150

■ 22.7019, -6.6945,
2.1629

■ 24.1023, -8.1091,
2.5317

Harmonies

Analogous

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



12.8808, 4.4127, -2.6827



12.8805, 5.5139, 0.3506



12.8808, 4.8326, 2.8846

Triad

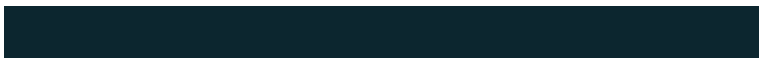
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.8808, 5.5134, 0.3509



12.8808, -3.1233, 4.6782



12.8808, -3.6989, -4.6832

Complementary

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



12.8805, 5.5139, 0.3506



16.2020, -6.0658, 1.8610

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.



12.8808, -5.4114, -1.9474



12.8805, 5.5139, 0.3506



12.8808, -5.1008, 3.3601

Square

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



12.8808, 5.5134, 0.3509



12.8808, -0.3228, 5.0419



12.8808, -5.9007, 1.0418



12.8808, -1.0491, -5.9748

Rectangle

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



12.8805, 5.5139, 0.3506



12.8808, 3.4906, 4.0419



12.8808, -5.9007, 1.0418



12.8808, -4.3937, -3.8756

Sweetspot

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



12.8808, 5.5134, 0.3509



20.5746, 1.3072, 0.8644



12.6207, 5.4746, -5.7781



11.2920, 0.7177, 0.4744



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



12.8808, 5.5134, 0.3509



15.2321, 9.3529, 0.4862



13.3221, 3.5505, 3.0975



9.4297, 0.1936, 0.4344



14.9546, 26.2800, 4.4712



39.0297, 68.1713, 14.8970

Inverse Universe

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



12.8808, 5.5134, 0.3509



15.2321, 9.3529, 0.4862



15.6109, -4.0145, -1.4869



9.4297, 0.1936, 0.4344



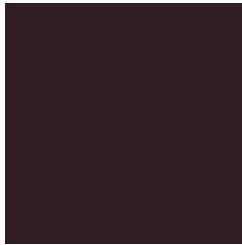
14.9546, 26.2800, 4.4712



39.0297, 68.1713, 14.8970

Previews

White Background



This preview shows how the HunterLab color 12.8805, 5.5139, 0.3506 looks on a white background.

Color Contrast Check

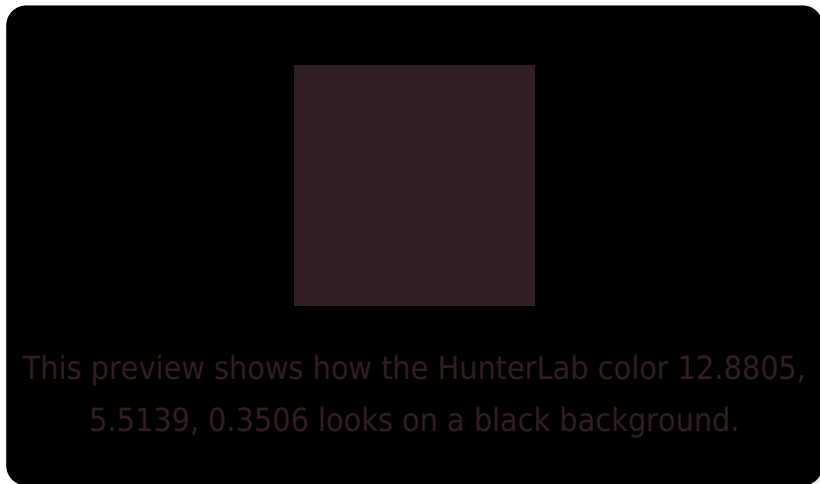
Large Text (above 18pt) WCAG AA ✓ Pass

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

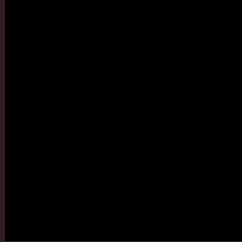
Any Text WCAG AA × Fail

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 12.8805, 5.5139, 0.3506 Background



This preview shows how black text looks on a background with the HunterLab color 12.8805, 5.5139, 0.3506.



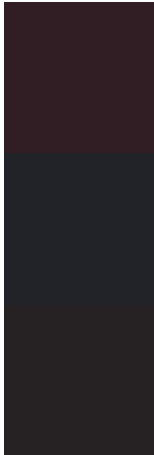
This preview shows how white text looks on a background with the HunterLab color 12.8805, 5.5139,

0.3506.

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

12.8805, 5.5139, 0.3506

Protanopia

13.0205, -0.2520, -1.1224

Deuteranopia

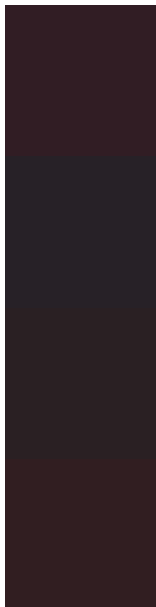
12.9517, 0.4155, 0.7089



Tritanopia

12.9838, 4.6586, 1.8421

Trichromacy



Original Color

12.8805, 5.5139, 0.3506

Protanomaly

12.9055, 1.5753, -0.8383

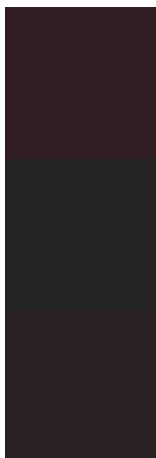
Deuteranomaly

12.8320, 2.2313, 0.5991

Tritanomaly

13.0051, 4.7662, 1.5374

Monochromacy



Original Color

12.8805, 5.5139, 0.3506

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

12.9865, 1.6949, 0.4118

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.8805, 5.5139, 0.3506 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(49, 29, 36)` looks like.

```
.text, #text, p{  
    color:rgb(49, 29, 36)  
}
```

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(49, 29, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 29, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 12.8805, 5.5139, 0.3506 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(49, 29, 36) }
```


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

```
.border{ border-color:rgb(49, 29, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 29, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 29, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 29, 36);  
box-shadow:4px 4px 4px 4px rgb(49, 29, 36)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.8805, 5.5139, 0.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 29, 36) }
```

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

```
.background{ background-color: rgb(49, 29,  
36) }
```

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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