

Converting Colors

HunterLab(30.9555, -4.0447,
12.0818)

Have a look what the booklet for
HunterLab(30.9555, -4.0447,
12.0818) contains.

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Color

**HunterLab(30.9555, -4.0424,
12.0811)**

Conversions

Conversions Part 1

Format	Color
Hex	5D5837
RGB	93, 88, 55
RGB Percent	36%, 35%, 22%
CMY	0.6353, 0.6549, 0.7843
CMYK	0.00, 0.05, 0.41, 0.64
HSL	52°, 26%, 29%
HSV	52°, 41%, 36%
XYZ	8.6935, 9.5824, 5.0058
YIQ	85.7330, 13.5730, -9.2030

Conversions

Conversions Part 2

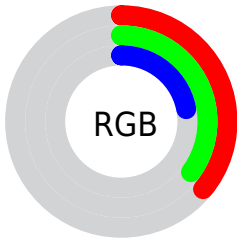
Format	Color
RYB	61, 93, 55
Decimal	6117431
CIELab	37.08, -3.52, 19.87
CIELCh	37, 20.184, 100.057
Yxy	9.5829, 0.3734, 0.4116
Android (android.graphics.Color)	4284307511 (0xFF5D5837)
YUV	85.7330, -15.1514, 6.3732
Hunter-Lab	30.9555, -4.0424, 12.0811

Details

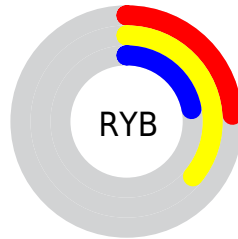
The HunterLab color **30.9555, -4.0424, 12.0811** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **21.9866, 3.4734, -14.3175**, and the grayscale version is **30.4586, -1.6252, 1.6549**.

A 20% lighter version of the original color is **50.0655, -5.6536, 15.8647**, and **15.2734, -2.7584, 8.1340** is the 20% darker color. If you saturate the color by 10%, you get **30.5005, -4.2638, 13.7550**, and if you desaturate by 10%, it is **31.4374, -3.6904, 10.0743**.

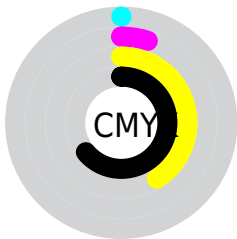
Distribution



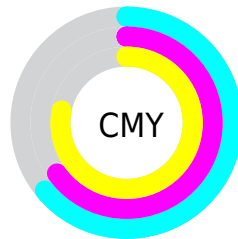
- Red (36%)
- Green (35%)
- Blue (22%)



- Red (24%)
- Yellow (36%)
- Blue (22%)



- Cyan (0%)
- Magenta (5%)
- Yellow (41%)
- Black (64%)



- Cyan (64%)
- Magenta (65%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.9555, -4.0424, 12.0811 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 30.9555, -4.0424, 12.0811 by changing the saturation by 10% instead.

30.9555, -4.0424,
12.0811

30.9555, -4.0424,
12.0811

136.9921,
-11.2791, 27.1552

22.6347, -3.3544,
10.1025

50.0079, -5.4872,
15.7151

15.2308, -2.6827,
8.0544

60.6153, -6.2443,
17.4316

8.8552, -2.2074,
6.1986

71.8819, -7.0253,
19.1056

0.0000, NaN, NaN

0.0000, NaN, NaN

83.7711, -7.8299,
20.7489

0.0000, NaN, NaN

96.2520, -8.6580,
22.3698

0.0000, NaN, NaN

0.0000, NaN, NaN

109.2976, -9.5092,

122.8846,
-10.3830, 25.5687

■ 30.9555, -4.0424,
12.0811

■ 30.9555, -4.0424,
12.0811

■ 30.5005, -4.2638,
13.7550

■ 31.4374, -3.6904,
10.0743

■ 30.0698, -4.3535,
15.0981

■ 31.9444, -3.2042,
7.7339

■ 29.6636, -4.3162,
16.1182

■ 32.4772, -2.5855,
5.0638

■ 29.2807, -4.1576,
16.8283

■ 33.0358, -1.8358,
2.0698

■ 28.9195, -3.8874,
17.2515

■ 33.6199, -0.9577,
-1.2404

■ 28.5968, -3.6073,
17.5581

■ 34.2293, 0.0456,
-4.8573

■ 34.8636, 1.1705,
-8.7702

■ 35.5224, 2.4128,
-12.9677

■ 36.2052, 3.7680,
-17.4376

Harmonies

Analogous

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



30.9562, 3.2315, 11.7155



30.9555, -4.0424, 12.0811



30.9562, -10.1001, 10.1930

Triad

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



30.9562, -4.0434, 12.0814



30.9562, -11.5898, -8.0888



30.9562, 12.5258, -3.1725

Complementary

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



30.9555, -4.0424, 12.0811



21.9866, 3.4734, -14.3175

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.



30.9562, 7.8089, -10.2395



30.9555, -4.0424, 12.0811



30.9562, -6.2530, -13.4989

Square

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



30.9562, -4.0434, 12.0814



30.9562, -14.1848, -0.7140



30.9562, 0.8114, -14.3655



30.9562, 13.2554, 3.9062

Rectangle

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



30.9555, -4.0424, 12.0811



30.9562, -12.8002, 7.5848



30.9562, 0.8114, -14.3655



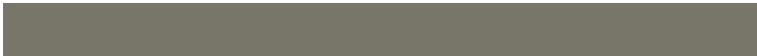
30.9562, 11.3347, -5.6677

Sweetspot

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



30.9562, -4.0434, 12.0814



42.3781, -3.5149, 7.1767



23.2090, 10.8972, 3.5473



21.1932, -1.7921, 3.7287



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



30.9562, -4.0434, 12.0814



39.9211, -5.5699, 17.9188



31.2565, -9.9605, 12.2294



16.2489, -1.2179, 2.2326



33.9388, -4.1692, 20.8399



78.8381, -8.8267, 48.4251

Inverse Universe

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



21.9866, 3.4734, -14.3175



25.6630, 6.7825, -25.0107



21.8759, 8.9743, -14.4306



15.2450, -0.4166, -0.6258



12.0153, 22.9202, -64.4963



26.6703, 59.0934, -160.9011

Previews

White Background



This preview shows how the HunterLab color 30.9555, -4.0424, 12.0811 looks on a white background.

Color Contrast Check

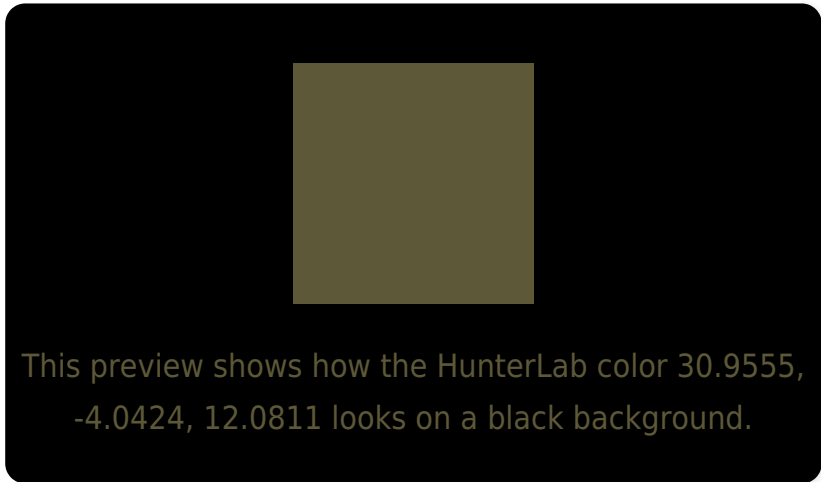
Large Text (above 18pt) WCAG AA ✓ Pass

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

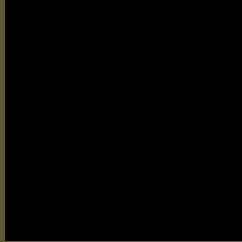
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

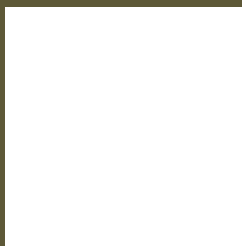
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 30.9555, -4.0424, 12.0811 Background



This preview shows how black text looks on a background with the HunterLab color 30.9555, -4.0424, 12.0811.

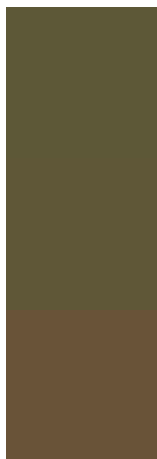


This preview shows how white text looks on a background with the HunterLab color 30.9555, -4.0424,

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

30.9555, -4.0424, 12.0811

Protanopia

30.8628, -3.0148, 12.0211

Deuteranopia

30.7820, 1.9905, 11.7962



Tritanopia

31.0165, 2.9579, 0.6737

Trichromacy



Original Color

30.9555, -4.0424, 12.0811

Protanomaly

30.7765, -3.3193, 11.9431

Deuteranomaly

30.9018, -0.1897, 11.8598

Tritanomaly

30.8539, 0.4568, 5.5278

Monochromacy



Original Color

30.9555, -4.0424, 12.0811

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

30.7380, -2.7001, 6.0535

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.9555, -4.0424, 12.0811 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(93, 88, 55)` looks like.

```
.text, #text, p{  
    color:rgb(93, 88, 55)  
}
```

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(93, 88, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 88, 55) }
```

Border

The CSS property to change the border of an element to HunterLab 30.9555, -4.0424, 12.0811 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(93, 88, 55) }
```


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

```
.border{ border-color:rgb(93, 88, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 88, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 88, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 88, 55);  
box-shadow:4px 4px 4px 4px rgb(93, 88, 55)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.9555, -4.0424, 12.0811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 88, 55) }
```

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

```
.background{ background-color: rgb(93, 88,  
55) }
```

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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