

Converting Colors

HunterLab(55.7596, -37.6655,
11.6145)

Have a look what the booklet for
HunterLab(55.7596, -37.6655,
11.6145) contains.

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Color

**HunterLab(55.7584,
-37.6648, 11.6144)**

Conversions

Conversions Part 1

Format	Color
Hex	00AC81
RGB	0, 172, 129
RGB Percent	0%, 67%, 51%
CMY	0.9999, 0.3255, 0.4941
CMYK	1.00, 0.00, 0.25, 0.33
HSL	165°, 100%, 34%
HSV	165°, 100%, 67%
XYZ	18.7150, 31.0900, 25.7834
YIQ	115.6700, -88.7090, -49.8370

Conversions

Conversions Part 2

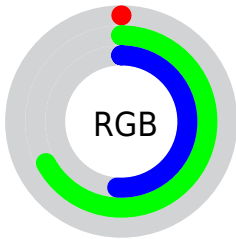
Format	Color
RYB	0, 98, 172
Decimal	44161
CIELab	62.58, -47.84, 11.76
CIELCh	63, 49.261, 166.194
Yxy	31.0912, 0.2476, 0.4113
Android (android.graphics.Color)	4278234241 (0xFF00AC81)
YUV	115.6700, 6.5717, -101.4426
Hunter-Lab	55.7584, -37.6648, 11.6144

Details

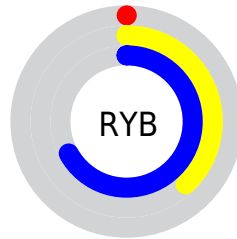
The HunterLab color **55.7584, -37.6648, 11.6144** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **29.9097, 51.8016, 14.8029**, and the grayscale version is **41.6663, -2.2232, 2.2638**.

A 20% lighter version of the original color is **78.2249, -44.0185, 13.8877**, and **36.7914, -25.9285, 9.9863** is the 20% darker color. If you saturate the color by 10%, you get **55.7593, -37.6662, 11.6163**, and if you desaturate by 10%, it is **55.9724, -36.5854, 10.2278**.

Distribution



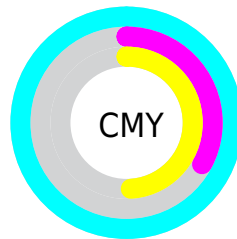
- Red (0%)
- Green (67%)
- Blue (51%)



- Red (0%)
- Yellow (38%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.7584, -37.6648, 11.6144 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 55.7584, -37.6648, 11.6144 by changing the saturation by 10% instead.

■ 55.7584, -37.6648,
11.6144

■ 55.7584, -37.6648,
11.6144

175.2022,
-64.2835, 22.7119

■ 45.4624, -34.1400,
10.3861

■ 78.3477, -44.2131,
14.0495

■ 35.8912, -30.3819,
9.1382

■ 90.5660, -47.3003,
15.2659

■ 27.1057, -26.3120,
7.8568

■ 103.3606,
-50.2926, 16.4864

■ 19.1837, -21.8060,
6.5175

■ 116.7068,
-53.2058, 17.7131

■ 12.2324, -19.1247,
5.1935

■ 130.5826,
-56.0523, 18.9478

■ 5.3491, -9.3609,
3.7444

■ 144.9685,

0.0000, NaN, NaN

-58.8423, 20.1919

0.0000, NaN, NaN

159.8469,
-61.5837, 21.4464

0.0000, NaN, NaN

■ 55.7584, -37.6648,
11.6144

■ 55.7584, -37.6648,
11.6144

■ 55.7593, -37.6662,
11.6163

■ 55.9724, -36.5854,
10.2278

■ 56.2821, -35.1099,
8.8950

■ 56.7240, -33.1057,
7.6645

■ 57.3117, -30.5340,
6.5618

■ 58.0549, -27.3787,
5.6079

■ 58.9598, -23.6424,
4.8192

■ 60.0301, -19.3434,
4.2077

■ 61.2665, -14.5125,
3.7808

■ 62.6682, -9.1897,
3.5417

Harmonies

Analogous

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



55.7595, -29.7480, 23.9470



55.7584, -37.6648, 11.6144



55.7595, -37.3361, -9.0629

Triad

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



55.7595, -37.6652, 11.6149



55.7595, 9.0061, -49.3659



55.7595, 28.5646, 24.5858

Complementary

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



55.7584, -37.6648, 11.6144



29.9097, 51.8016, 14.8029

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.



55.7595, 42.4509, 12.9124



55.7584, -37.6648, 11.6144



55.7595, 30.0442, -31.5565

Square

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



55.7595, -37.6652, 11.6149



55.7595, -12.4894, -50.1392



55.7595, 43.0300, -7.1704



55.7595, 7.2166, 29.2856

Rectangle

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



55.7584, -37.6648, 11.6144



55.7595, -32.5303, -25.4845



55.7595, 43.0300, -7.1704



55.7595, 34.3925, 21.5989

Sweetspot

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



55.7595, -37.6652, 11.6149



80.7685, -26.3894, 5.7060



54.8490, -44.3242, 33.0212



37.3687, -13.4352, 2.8051



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



55.7595, -37.6652, 11.6149



75.0764, -50.8824, 16.0015



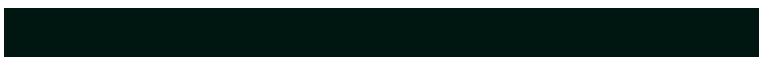
44.0986, -13.7001, -25.5433



30.0622, -4.2198, 1.6917



48.1093, -32.4344, 9.8841



8.0743, -5.1049, 0.9278

Inverse Universe

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



29.9097, 51.8016, 14.8029



40.2466, 69.6355, 20.4870



32.0913, 42.7242, 20.5216



28.3672, 1.2279, 1.5585



25.8153, 44.7420, 12.5531



4.4062, 7.8311, 0.6349

Previews

White Background



This preview shows how the HunterLab color 55.7584, -37.6648, 11.6144 looks on a white 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

Black Background



This preview shows how the HunterLab color 55.7584, -37.6648, 11.6144 looks on a black 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

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

HunterLab 55.7584, -37.6648, 11.6144 Background



This preview shows how black text looks on a background with the HunterLab color 55.7584, -37.6648, 11.6144.



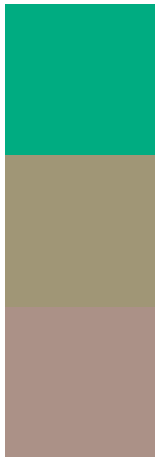
This preview shows how white text looks on a background with the HunterLab color 55.7584,

-37.6648, 11.6144.

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

55.7584, -37.6648, 11.6144

Protanopia

55.3121, -4.2625, 15.6363

Deuteranopia

55.3697, 3.9856, 9.6437



Tritanopia

55.6571, -23.0991, -11.5403

Trichromacy



Original Color

55.7584, -37.6648, 11.6144



Protanomaly

53.5571, -23.0037, 12.2157



Deuteranomaly

53.2798, -18.6578, 7.8106



Tritanomaly

55.6200, -29.5267, -2.1872

Monochromacy



Original Color

55.7584, -37.6648, 11.6144



Achromatopsia

41.7908, -2.2299, 2.2706



Achromatomaly

45.2158, -19.5981, 3.7989

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.7584, -37.6648, 11.6144 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(0, 172, 129)` looks like.

```
.text, #text, p{  
    color:rgb(0, 172, 129)  
}
```

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(0, 172, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 172, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 55.7584, -37.6648, 11.6144 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(0, 172, 129) }
```


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

```
.border{ border-color:rgb(0, 172, 129) }
```

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

Here you see how a box with a 4 pixel rgb(0, 172, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 172, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 172, 129);  
box-shadow:4px 4px 4px 4px rgb(0, 172,  
129) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.7584, -37.6648, 11.6144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 172, 129) }
```

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

```
.background{ background-color: rgb(0, 172,  
129) }
```

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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