

Converting Colors

HunterLab(51.4863, -37.0800,
16.7089)

Have a look what the booklet for
HunterLab(51.4863, -37.0800,
16.7089) contains.

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Color

**HunterLab(51.5193,
-37.0646, 16.6307)**

Conversions

Conversions Part 1

Format	Color
Hex	0EA166
RGB	14, 161, 102
RGB Percent	5%, 63%, 40%
CMY	0.9451, 0.3686, 0.6000
CMYK	0.91, 0.00, 0.37, 0.37
HSL	156°, 84%, 34%
HSV	156°, 91%, 63%
XYZ	15.3242, 26.5424, 16.8859
YIQ	110.3210, -68.6730, -49.5130

Conversions

Conversions Part 2

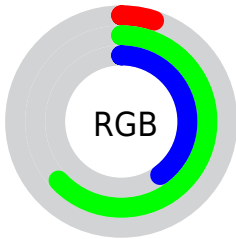
Format	Color
R_{YB}	14, 106, 161
Decimal	958822
CIE _{Lab}	58.55, -49.19, 21.08
CIE _{LCh}	59, 53.521, 156.806
Yxy	26.5434, 0.2608, 0.4518
Android (android.graphics.Color)	4279148902 (0xFF0EA166)
YUV	110.3210, -4.1023, -84.4735
Hunter-Lab	51.5193, -37.0646, 16.6307

Details

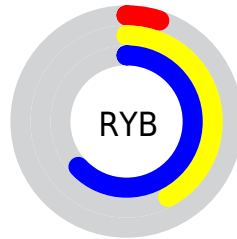
The HunterLab color **51.5193, -37.0646, 16.6307** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **28.9358, 48.4247, 5.7591**, and the grayscale version is **39.6458, -2.1154, 2.1540**.

A 20% lighter version of the original color is **73.6213, -44.0348, 20.3237**, and **33.1534, -25.5610, 13.7401** is the 20% darker color. If you saturate the color by 10%, you get **51.3247, -38.0879, 18.0694**, and if you desaturate by 10%, it is **51.8275, -35.5391, 14.9350**.

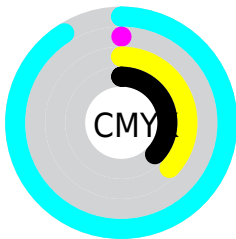
Distribution



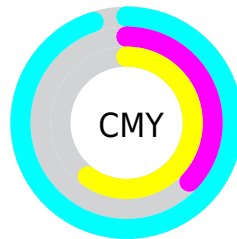
- Red (5%)
- Green (63%)
- Blue (40%)



- Red (5%)
- Yellow (42%)
- Blue (63%)



- Cyan (91%)
- Magenta (0%)
- Yellow (37%)
- Black (37%)



- Cyan (95%)
- Magenta (37%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.5193, -37.0646, 16.6307 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 51.5193, -37.0646, 16.6307 by changing the saturation by 10% instead.

■ 51.5193, -37.0646,
16.6307

■ 51.5193, -37.0646,
16.6307

168.9496,
-64.6265, 31.7459

■ 41.5098, -33.3576,
14.7842

■ 73.5869, -43.9038,
20.1537

■ 32.2476, -29.3794,
12.8500

■ 85.5647, -47.1112,
21.8581

■ 23.7999, -25.0335,
10.7912

■ 98.1300, -50.2116,
23.5376

■ 16.2545, -20.1994,
8.5978

■ 111.2564,
-53.2232, 25.1986

■ 9.7358, -17.0377,
6.8151

■ 124.9210,
-56.1602, 26.8463

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 139.1032,

-59.0339, 28.4847

0.0000, NaN, NaN

153.7849,
-61.8534, 30.1171

0.0000, NaN, NaN

■ 51.5193, -37.0646,
16.6307

■ 51.5193, -37.0646,
16.6307

■ 51.3247, -38.0879,
18.0694

■ 51.8275, -35.5391,
14.9350

■ 52.2613, -33.4899,
13.2410

■ 52.8345, -30.8828,
11.5758

■ 53.5558, -27.7056,
9.9640

■ 54.4310, -23.9645,
8.4279

■ 55.4629, -19.6812,
6.9867

■ 56.6520, -14.8891,
5.6563

■ 57.9970, -9.6303,
4.4490

■ 59.4947, -3.9517,
3.3734

Harmonies

Analogous

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



51.5203, -26.3940, 26.2122



51.5193, -37.0646, 16.6307



51.5203, -39.3429, -2.3661

Triad

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



51.5203, -37.0651, 16.6311



51.5203, 2.5268, -57.8588



51.5203, 37.0892, 22.0026

Complementary

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



51.5193, -37.0646, 16.6307



28.9358, 48.4247, 5.7591

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.



51.5203, 48.1843, 7.4890



51.5193, -37.0646, 16.6307



51.5203, 26.1125, -42.7850

Square

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



51.5203, -37.0651, 16.6311



51.5203, -18.8498, -51.8667



51.5203, 43.8539, -16.3895



51.5203, 15.6031, 28.2421

Rectangle

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



51.5193, -37.0646, 16.6307



51.5203, -36.2264, -19.6708



51.5203, 43.8539, -16.3895



51.5203, 42.3131, 18.2429

Sweetspot

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



51.5203, -37.0651, 16.6311



74.8007, -23.9830, 8.6561



51.9890, -36.9170, 30.9150



34.8027, -12.1552, 4.3242



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



51.5203, -37.0651, 16.6311



68.6550, -51.1495, 24.6044



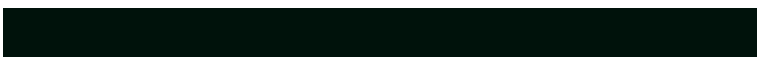
49.0750, -22.8729, -10.8988



28.2186, -4.1217, 2.0433



45.8761, -33.9828, 16.0179



6.7172, -4.5142, 1.3491

Inverse Universe

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



28.9358, 48.4247, 5.7591



37.6947, 66.2484, 11.2174



28.9125, 42.9543, 17.7152



26.7037, 1.3035, 1.0052



25.2201, 44.4153, 6.8003



3.7797, 6.8882, -0.7778

Previews

White Background



This preview shows how the HunterLab color 51.5193, -37.0646, 16.6307 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 51.5193, -37.0646, 16.6307 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 × Fail

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

HunterLab 51.5193, -37.0646, 16.6307 Background



This preview shows how black text looks on a background with the HunterLab color 51.5193, -37.0646, 16.6307.



This preview shows how white text looks on a background with the HunterLab color 51.5193,

-37.0646, 16.6307.

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

51.5193, -37.0646, 16.6307

Protanopia

51.2073, -4.8975, 19.4774

Deuteranopia

51.0151, 3.5920, 15.0095



Tritanopia

51.4152, -20.4755, -10.2786

Trichromacy



Original Color

51.5193, -37.0646, 16.6307



Protanomaly

49.8489, -22.1337, 17.1669



Deuteranomaly

49.2324, -17.6991, 13.6057



Tritanomaly

51.2370, -27.6487, 1.0171

Monochromacy



Original Color

51.5193, -37.0646, 16.6307



Achromatopsia

39.4875, -2.1070, 2.1454



Achromatomaly

42.7293, -18.7742, 6.6999

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.5193, -37.0646, 16.6307 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, 161, 102)` looks like.

```
.text, #text, p{  
    color:rgb(14, 161, 102)  
}
```

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, 161, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 161, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 51.5193, -37.0646, 16.6307 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, 161, 102) }
```


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

```
.border{ border-color:rgb(14, 161, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 161, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 161, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 161, 102);  
box-shadow:4px 4px 4px 4px rgb(14, 161,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.5193, -37.0646, 16.6307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 161, 102) }
```

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

```
.background{ background-color: rgb(14, 161,  
102) }
```

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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