

Converting Colors

HunterLab(64.0271, -15.1668,
32.8467)

Have a look what the booklet for
HunterLab(64.0271, -15.1668,
32.8467) contains.

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Color

**HunterLab(64.1843,
-15.1770, 32.9682)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B14C
RGB	176, 177, 76
RGB Percent	69%, 69%, 30%
CMY	0.3098, 0.3059, 0.7019
CMYK	0.01, 0.00, 0.57, 0.31
HSL	61°, 40%, 50%
HSV	61°, 57%, 69%
XYZ	34.9312, 41.1962, 12.9482
YIQ	165.1870, 31.8250, -31.6230

Conversions

Conversions Part 2

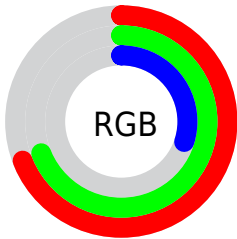
Format	Color
RYB	76, 177, 77
Decimal	11579724
CIELab	70.31, -13.89, 50.46
CIELCh	70, 52.343, 105.394
Yxy	41.1981, 0.3921, 0.4625
Android (android.graphics.Color)	4289769804 (0xFFB0B14C)
YUV	165.1870, -43.9692, 9.4830
Hunter-Lab	64.1843, -15.1770, 32.9682

Details

The HunterLab color **64.1843, -15.1770, 32.9682** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **31.4992, 21.8443, -58.5057**, and the grayscale version is **61.5842, -3.2860, 3.3460**.

A 20% lighter version of the original color is **87.6152, -17.4688, 39.8624**, and **43.3476, -12.5928, 25.4519** is the 20% darker color. If you saturate the color by 10%, you get **64.0034, -16.1811, 35.4096**, and if you desaturate by 10%, it is **64.4203, -13.8861, 29.7700**.

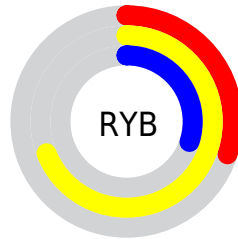
Distribution



Red (69%)

Green (69%)

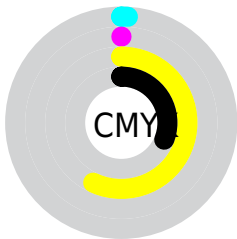
Blue (30%)



Red (30%)

Yellow (69%)

Blue (30%)

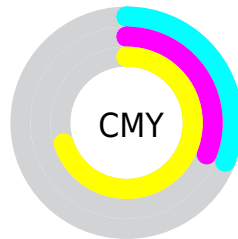


Cyan (1%)

Magenta (0%)

Yellow (57%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.1843, -15.1770, 32.9682 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 64.1843, -15.1770, 32.9682 by changing the saturation by 10% instead.

■ 64.1843, -15.1770,
32.9682

■ 64.1843, -15.1770,
32.9682

187.3895,
-27.1297, 60.9993

■ 53.3610, -13.8447,
29.2825

■ 87.7409, -17.8208,
39.8612

■ 43.2241, -12.4915,
25.3925

■ 100.4070,
-19.1373, 43.1184

■ 33.8255, -11.1084,
21.2591

■ 113.6300,
-20.4553, 46.2756

■ 25.2283, -9.6772,
17.3638

■ 127.3873,
-21.7769, 49.3476

■ 17.5159, -8.1677,
12.2612

■ 141.6590,
-23.1040, 52.3468

■ 10.8045, -6.5813,
7.5632

156.4271,

■ 1.8660, -3.2655,

-24.4378, 55.2830

1.3062

171.6755,
-25.7794, 58.1648

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.1843, -15.1770,
32.9682

■ 64.1843, -15.1770,
32.9682

■ 64.0034, -16.1811,
35.4096

■ 64.4203, -13.8861,
29.7700

■ 63.8691, -16.9125,
37.1459

■ 64.7102, -12.2864,
25.7725

■ 63.7780, -17.3993,
38.2463

■ 65.0583, -10.3689,
20.9463

■ 63.7226, -17.6825,
38.8171

■ 65.4669, -8.1259,
15.2713

■ 63.7090, -17.7509,

■ 65.9378, -5.5535,

38.9464

8.7366

■ 66.4725, -2.6510,
1.3398

■ 67.0720, 0.5794,
-6.9136

■ 67.7369, 4.1326,
-16.0112

■ 68.4676, 8.0013,
-25.9344

Harmonies

Analogous

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



64.1858, 8.5780, 33.0366



64.1843, -15.1770, 32.9682



64.1858, -32.9827, 27.2378

Triad

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



64.1858, -15.1791, 32.9687



64.1858, -32.6202, -36.0799



64.1858, 47.3782, -8.5384

Complementary

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



64.1843, -15.1770, 32.9682



31.4992, 21.8443, -58.5057

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.



64.1858, 32.6816, -35.4167



64.1843, -15.1770, 32.9682



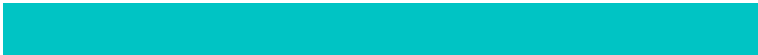
64.1858, -14.6121, -54.8495

Square

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



64.1858, -15.1791, 32.9687



64.1858, -42.0022, -9.2299



64.1858, 9.2340, -54.5701



64.1858, 47.1671, 14.0502

Rectangle

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



64.1843, -15.1770, 32.9682



64.1858, -40.0991, 19.1627



64.1858, 9.2340, -54.5701



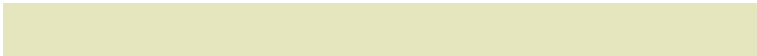
64.1858, 43.9332, -17.5072

Sweetspot

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



64.1858, -15.1791, 32.9687



87.5963, -10.9479, 20.6232



38.7800, 33.4992, 14.0279



40.7262, -5.3833, 10.3272



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



64.1858, -15.1791, 32.9687



85.6084, -21.8886, 47.9496



60.3673, -29.6314, 29.9632



31.4679, -2.9472, 4.9203



54.2287, -15.1033, 33.1511



9.6263, -2.6528, 5.8852

Inverse Universe

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



31.4992, 21.8443, -58.5057



34.6465, 39.9644, -105.4339



35.8021, 33.0710, -46.2474



28.6950, -0.1435, -1.9628



15.1978, 41.1594, -107.4857



2.7203, 7.3187, -18.8625

Previews

White Background



This preview shows how the HunterLab color 64.1843, -15.1770, 32.9682 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 64.1843, -15.1770, 32.9682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

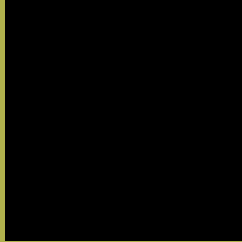
Any Text WCAG AA ✓ Pass

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 64.1843, -15.1770, 32.9682 Background



This preview shows how black text looks on a background with the HunterLab color 64.1843, -15.1770, 32.9682.



This preview shows how white text looks on a background with the HunterLab color 64.1843,

-15.1770, 32.9682.

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

64.1843, -15.1770, 32.9682

Protanopia

64.1010, -7.7284, 33.2064

Deuteranopia

64.1305, 4.3256, 32.5760



Tritanopia

64.0049, 5.1863, 0.0241

Trichromacy



Original Color

64.1843, -15.1770, 32.9682

Protanomaly

64.2022, -10.4406, 33.2310

Deuteranomaly

64.0957, -3.1318, 32.5981

Tritanomaly

63.7554, -3.6450, 15.4232

Monochromacy



Original Color

64.1843, -15.1770, 32.9682

Achromatopsia

61.3402, -3.2730, 3.3327

Achromatomaly

62.0519, -8.5310, 16.8841

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.1843, -15.1770, 32.9682 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(176, 177, 76)` looks like.

```
.text, #text, p{  
    color:rgb(176, 177, 76)  
}
```

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(176, 177, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 177, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 64.1843, -15.1770, 32.9682 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(176, 177, 76) }
```


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

```
.border{ border-color:rgb(176, 177, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 177, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 177, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 177, 76);  
box-shadow:4px 4px 4px 4px rgb(176, 177,  
76) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.1843, -15.1770, 32.9682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 177, 76) }
```

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

```
.background{ background-color: rgb(176,  
177, 76) }
```

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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