

Converting Colors

HunterLab(15.5196, -4.5391,
-0.4651)

Have a look what the booklet for
HunterLab(15.5196, -4.5391,
-0.4651) contains.

HunterLab(15.4859, -4.6346, -0.4350)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(15.4859, -4.6346,
-0.4350)**

Conversions

Conversions Part 1

Format	Color
Hex	1C2E2E
RGB	28, 46, 46
RGB Percent	11%, 18%, 18%
CMY	0.8902, 0.8196, 0.8196
CMYK	0.39, 0.00, 0.00, 0.82
HSL	180°, 24%, 15%
HSV	180°, 39%, 18%
XYZ	1.9490, 2.3981, 2.9449
YIQ	40.6180, -10.7280, -3.8160

Conversions

Conversions Part 2

Format	Color
R_{YB}	28, 37, 46
Decimal	1846830
CIE Lab	17.45, -7.33, -2.36
CIE LCh	17, 7.702, 197.837
Yxy	2.3982, 0.2673, 0.3289
Android (android.graphics.Color)	4280036910 (0xFF1C2E2E)
YUV	40.6180, 2.6533, -11.0660
Hunter-Lab	15.4859, -4.6346, -0.4350

Details

The HunterLab color **15.4859, -4.6346, -0.4350** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12.2281, 4.1707, 2.2807**, and the grayscale version is **14.7614, -0.7876, 0.8020**.

A 20% lighter version of the original color is **31.3743, -6.5080, 0.0845**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.2914, -5.3654, -0.6936**, and if you desaturate by 10%, it is **15.7103, -3.8067, -0.1411**.

Distribution



- Red (11%)
- Green (18%)
- Blue (18%)



- Red (11%)
- Yellow (15%)
- Blue (18%)



- Cyan (39%)
- Magenta (0%)
- Yellow (0%)
- Black (82%)



- Cyan (89%)
- Magenta (82%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.4859, -4.6346, -0.4350 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 15.4859, -4.6346, -0.4350 by changing the saturation by 10% instead.

■ 15.4859, -4.6346,
-0.4350

■ 15.4859, -4.6346,
-0.4350

109.7893,
-13.4579, 3.5931

■ 9.0828, -4.0026,
-0.6046

■ 31.2794, -6.5775,
0.1117

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.4558, -7.5341,
0.4757

0.0000, NaN, NaN

■ 50.3869, -8.4938,
0.8907

0.0000, NaN, NaN

■ 61.0194, -9.4614,
1.3517

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.3095, -10.4399,
1.8552

0.0000, NaN, NaN

■ 84.2211, -11.4314,

0.0000, NaN, NaN

2.3982

■ 96.7233, -12.4371,
2.9782

■ 15.4859, -4.6346,
-0.4350

■ 15.4859, -4.6346,
-0.4350

■ 15.2914, -5.3654,
-0.6936

■ 15.7103, -3.8067,
-0.1411

■ 15.1254, -5.9958,
-0.9168

■ 15.9637, -2.8853,
0.1859

■ 14.9877, -6.5248,
-1.1040

■ 16.2462, -1.8757,
0.5446

■ 14.8771, -6.9535,
-1.2556

■ 16.5576, -0.7839,
0.9330

■ 14.7770, -7.3446,
-1.3938

■ 16.8973, 0.3836,
1.3487

■ 14.6762, -7.7415,
-1.5340

■ 17.2646, 1.6200,
1.7896

■ 14.6674, -7.7762,
-1.5463

■ 17.6587, 2.9187,
2.2532

■ 18.0787, 4.2728,
2.7374

■ 18.5238, 5.6761,
3.2398

Harmonies

Analogous

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



15.4862, -4.7318, 1.6633



15.4859, -4.6346, -0.4350



15.4862, -3.5532, -2.4295

Triad

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



15.4862, -4.6348, -0.4348



15.4862, 2.4190, -2.0937



15.4862, 0.0700, 4.2694

Complementary

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



15.4859, -4.6346, -0.4350



12.2281, 4.1707, 2.2807

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.



15.4862, 2.1016, 3.5276



15.4859, -4.6346, -0.4350



15.4862, 3.5074, -0.0249

Square

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



15.4862, -4.6348, -0.4348



15.4862, 0.4838, -3.4750



15.4862, 3.3881, 2.0203



15.4862, -2.0958, 4.1915

Rectangle

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



15.4859, -4.6346, -0.4350



15.4862, -2.3837, -3.3440



15.4862, 3.3881, 2.0203



15.4862, 0.7934, 4.1124

Sweetspot

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



15.4862, -4.6348, -0.4348



20.3077, -2.8170, 0.5225



15.1296, -6.7293, 4.8996



11.3130, -1.5611, 0.2938



58.5142, -3.1222, 3.1792



11.5809, -0.6179, 0.6292

Same Dimension

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



15.4862, -4.6348, -0.4348



19.2271, -6.7803, -0.8835



13.3645, -1.4429, -3.2577



9.1003, -0.9878, 0.3261



27.2967, -14.4720, -2.8776



72.8418, -38.6189, -7.6788

Inverse Universe

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



12.2281, 4.1707, 2.2807



14.1525, 7.0625, 3.3888



14.0332, 0.7374, 4.0183



8.7074, 0.0603, 0.6490



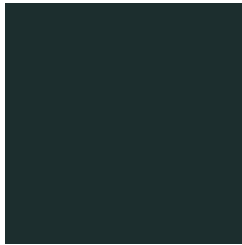
14.1839, 24.2904, 9.1649



37.8501, 64.8194, 24.4575

Previews

White Background



This preview shows how the HunterLab color 15.4859, -4.6346, -0.4350 looks on a white background.

Color Contrast Check

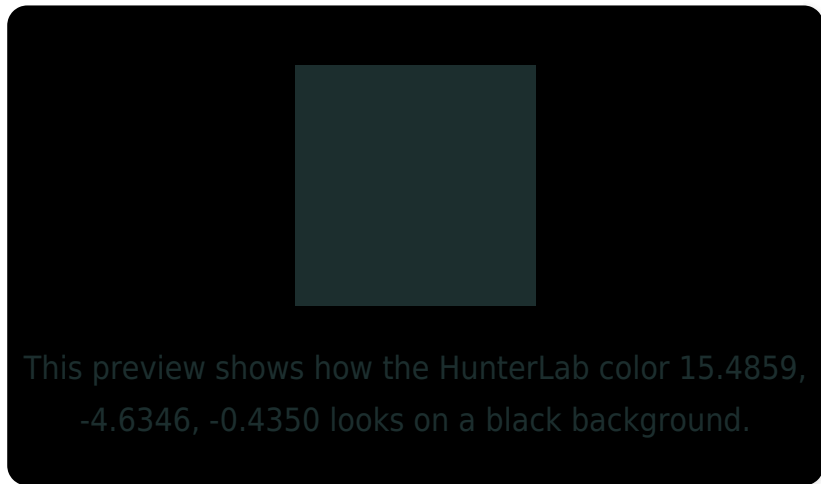
Large Text (above 18pt) WCAG AA ✓ Pass

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

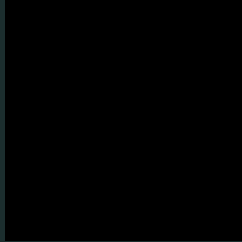
Any Text WCAG AA × Fail

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 15.4859, -4.6346, -0.4350 Background



This preview shows how black text looks on a background with the HunterLab color 15.4859, -4.6346, -0.4350.



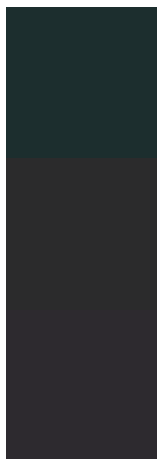
This preview shows how white text looks on a background with the HunterLab color 15.4859, -4.6346, -0.4350.

-0.4350.

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

15.4859, -4.6346, -0.4350

Protanopia

15.5666, -0.6986, 0.5040

Deuteranopia

15.5533, 0.5924, -0.6576



Tritanopia

15.6107, -4.0146, -1.4871

Trichromacy



Original Color

15.4859, -4.6346, -0.4350

Protanomaly

15.5013, -2.0971, 0.0194

Deuteranomaly

15.3764, -1.2108, -0.9162

Tritanomaly

15.5840, -4.1669, -1.1089

Monochromacy



Original Color

15.4859, -4.6346, -0.4350

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

15.0905, -2.4262, 0.2766

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.4859, -4.6346, -0.4350 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(28, 46, 46)` looks like.

```
.text, #text, p{  
    color:rgb(28, 46, 46)  
}
```

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(28, 46, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 46, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 15.4859, -4.6346, -0.4350 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(28, 46, 46) }
```


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

```
.border{ border-color:rgb(28, 46, 46) }
```

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

Here you see how a box with a 4 pixel rgb(28, 46, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 46, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 46, 46);  
box-shadow:4px 4px 4px 4px rgb(28, 46, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.4859, -4.6346, -0.4350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 46, 46) }
```

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

```
.background{ background-color: rgb(28, 46,  
46) }
```

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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