

Converting Colors

HunterLab(15.8683, -5.1698,
0.2207)

Have a look what the booklet for
HunterLab(15.8683, -5.1698, 0.2207)
contains.

HunterLab(15.7390, -4.9907, -0.1261)	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(15.7390, -4.9907,
-0.1261)**

Conversions

Conversions Part 1

Format	Color
Hex	1C2F2E
RGB	28, 47, 46
RGB Percent	11%, 18%, 18%
CMY	0.8902, 0.8157, 0.8196
CMYK	0.40, 0.00, 0.02, 0.82
HSL	177°, 25%, 15%
HSV	177°, 40%, 18%
XYZ	1.9885, 2.4772, 2.9581
YIQ	41.2050, -11.0030, -4.3390

Conversions

Conversions Part 2

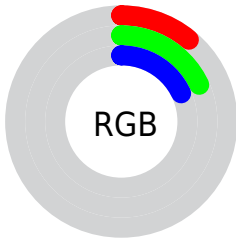
Format	Color
RYB	28, 38, 47
Decimal	1847086
CIELab	17.82, -7.98, -1.82
CIElCh	18, 8.185, 192.860
Yxy	2.4773, 0.2679, 0.3337
Android (android.graphics.Color)	4280037166 (0xFF1C2F2E)
YUV	41.2050, 2.3639, -11.5808
Hunter-Lab	15.7390, -4.9907, -0.1261

Details

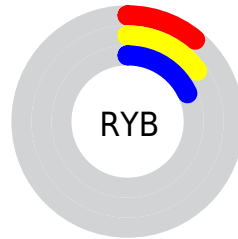
The HunterLab color **15.7390, -4.9907, -0.1261** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12.3435, 4.5647, 2.1021**, and the grayscale version is **14.9529, -0.7978, 0.8124**.

A 20% lighter version of the original color is **31.6510, -6.9236, 0.4150**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.5376, -5.7638, -0.2928**, and if you desaturate by 10%, it is **15.9711, -4.1182, 0.0783**.

Distribution



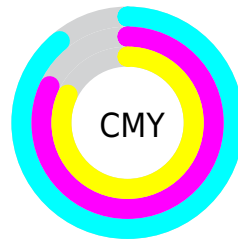
- Red (11%)
- Green (18%)
- Blue (18%)



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



- Cyan (40%)
- Magenta (0%)
- Yellow (2%)
- Black (82%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.7390, -4.9907, -0.1261 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 15.7390, -4.9907, -0.1261 by changing the saturation by 10% instead.

■ 15.7390, -4.9907,
-0.1261

■ 15.7390, -4.9907,
-0.1261

110.2745,
-14.1576, 4.1643

■ 9.3017, -4.2352,
-0.3302

■ 31.5990, -7.0326,
0.4946

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.8039, -8.0315,
0.8907

0.0000, NaN, NaN

■ 50.7614, -9.0302,
1.3355

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.4185, -10.0341,
1.8246

0.0000, NaN, NaN

■ 72.7318, -11.0469,
2.3545

0.0000, NaN, NaN

■ 84.6654, -12.0708,

0.0000, NaN, NaN

2.9225

97.1885, -13.1073,
3.5264

15.7390, -4.9907,
-0.1261

15.7390, -4.9907,
-0.1261

15.5376, -5.7638,
-0.2928

15.9711, -4.1182,
0.0783

15.3654, -6.4339,
-0.4222

16.2329, -3.1500,
0.3186

15.2221, -7.0000,
-0.5142

16.5247, -2.0919,
0.5939

15.1064, -7.4644,
-0.5702

16.8460, -0.9500,
0.9022

14.9993, -7.8983,
-0.6148

17.1964, 0.2689,
1.2418

■ 14.8961, -8.3198,
-0.6587

■ 17.5751, 1.5577,
1.6103

■ 17.9814, 2.9093,
2.0056

■ 18.4142, 4.3170,
2.4255

■ 18.8726, 5.7740,
2.8677

Harmonies

Analogous

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



15.7393, -4.9131, 2.0665



15.7390, -4.9907, -0.1261



15.7393, -4.0045, -2.3412

Triad

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



15.7393, -4.9909, -0.1259



15.7393, 2.3379, -2.6142



15.7393, 0.5072, 4.4222

Complementary

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



15.7390, -4.9907, -0.1261



12.3435, 4.5647, 2.1021

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.



15.7393, 2.5947, 3.4986



15.7390, -4.9907, -0.1261



15.7393, 3.6932, -0.4574

Square

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



15.7393, -4.9909, -0.1259



15.7393, 0.1732, -3.9127



15.7393, 3.7898, 1.7798



15.7393, -1.8295, 4.4840

Rectangle

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



15.7390, -4.9907, -0.1261



15.7393, -2.8407, -3.4473



15.7393, 3.7898, 1.7798



15.7393, 1.2646, 4.2091

Sweetspot

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



15.7393, -4.9909, -0.1259



21.1520, -3.0045, 0.6799



15.4340, -6.8805, 5.1694



11.3078, -1.5899, 0.3675



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.



15.7393, -4.9909, -0.1259



19.9392, -7.5310, -0.4014



13.7403, -1.8318, -3.1705



9.0977, -1.0025, 0.3639



27.1646, -15.2607, -1.0100



72.4585, -40.9081, -2.2581

Inverse Universe

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



12.3435, 4.5647, 2.1021



14.4851, 7.9718, 3.2383



14.0149, 1.2006, 4.0091



8.7099, 0.0741, 0.6127



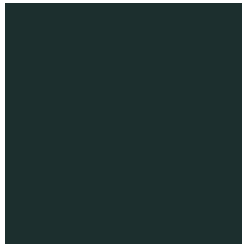
14.2191, 24.4210, 8.6426



37.8828, 64.9410, 23.9712

Previews

White Background



This preview shows how the HunterLab color 15.7390, -4.9907, -0.1261 looks on a white background.

Color Contrast Check

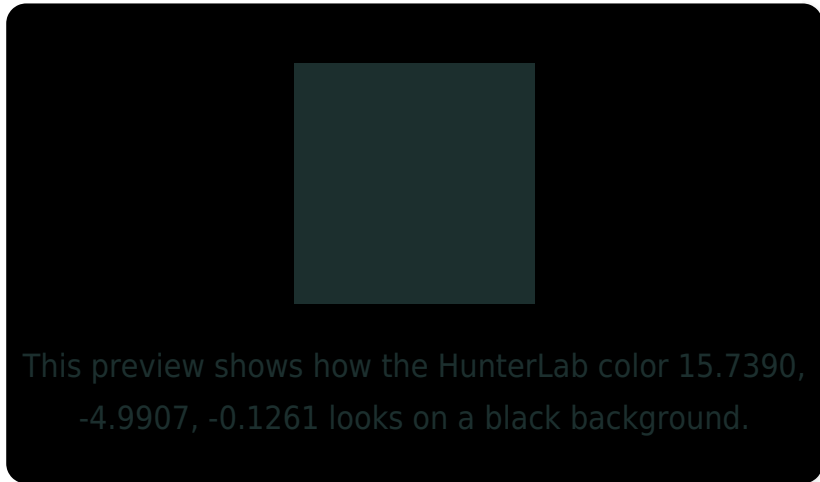
Large Text (above 18pt) WCAG AA ✓ Pass

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

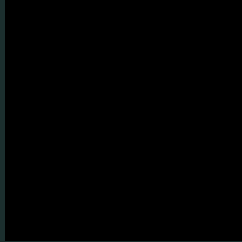
Any Text WCAG AA × Fail

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 15.7390, -4.9907, -0.1261 Background



This preview shows how black text looks on a background with the HunterLab color 15.7390, -4.9907, -0.1261.



This preview shows how white text looks on a background with the HunterLab color 15.7390, -4.9907, -0.1261.

-0.1261.

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

15.7390, -4.9907, -0.1261

Protanopia

15.6367, -0.4558, 0.5921

Deuteranopia

15.6269, 0.8412, -0.5596



Tritanopia

15.6381, -3.8595, -1.8724

Trichromacy



Original Color

15.7390, -4.9907, -0.1261

Protanomaly

15.5013, -2.0971, 0.0194

Deuteranomaly

15.6139, -1.5966, -0.6188

Tritanomaly

15.6107, -4.0146, -1.4871

Monochromacy



Original Color

15.7390, -4.9907, -0.1261

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 15.7390, -4.9907, -0.1261 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, 47, 46)` looks like.

```
.text, #text, p{  
    color:rgb(28, 47, 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, 47, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 47, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 15.7390, -4.9907, -0.1261 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, 47, 46) }
```


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

```
.border{ border-color:rgb(28, 47, 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, 47, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 47, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 47, 46);  
box-shadow:4px 4px 4px 4px rgb(28, 47, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.7390, -4.9907, -0.1261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 47, 46) }
```

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

```
.background{ background-color: rgb(28, 47,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor