

Converting Colors

HunterLab(15.7607, -3.7170,
-0.1076)

Have a look what the booklet for
HunterLab(15.7607, -3.7170,
-0.1076) contains.

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Color

**HunterLab(15.7308, -3.7301,
-0.1141)**

Conversions

Conversions Part 1

Format	Color
Hex	212E2E
RGB	33, 46, 46
RGB Percent	13%, 18%, 18%
CMY	0.8706, 0.8196, 0.8196
CMYK	0.28, 0.00, 0.00, 0.82
HSL	180°, 16%, 15%
HSV	180°, 28%, 18%
XYZ	2.0973, 2.4746, 2.9519
YIQ	42.1130, -7.7480, -2.7560

Conversions

Conversions Part 2

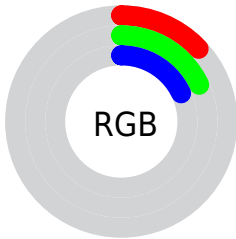
Format	Color
R_{YB}	33, 40, 46
Decimal	2174510
CIE _{Lab}	17.80, -5.46, -1.80
CIE _{LCh}	18, 5.750, 198.239
Yxy	2.4747, 0.2788, 0.3289
Android (android.graphics.Color)	4280364590 (0xFF212E2E)
YUV	42.1130, 1.9163, -7.9921
Hunter-Lab	15.7308, -3.7301, -0.1141

Details

The HunterLab color **15.7308, -3.7301, -0.1141** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **13.3358, 2.6986, 1.8672**, and the grayscale version is **15.2491, -0.8137, 0.8285**.

A 20% lighter version of the original color is **31.6965, -5.3438, 0.4980**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.5045, -4.5667, -0.4104**, and if you desaturate by 10%, it is **15.9871, -2.8010, 0.2160**.

Distribution



Red (13%)

Green (18%)

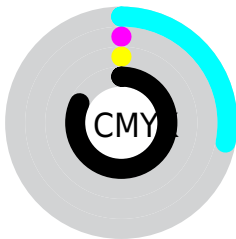
Blue (18%)



Red (13%)

Yellow (16%)

Blue (18%)

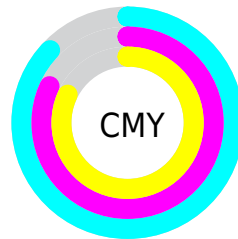


Cyan (28%)

Magenta (0%)

Yellow (0%)

Black (82%)



Cyan (87%)

Magenta (82%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.7308, -3.7301, -0.1141 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 15.7308, -3.7301, -0.1141 by changing the saturation by 10% instead.

■ 15.7308, -3.7301,
-0.1141

■ 15.7308, -3.7301,
-0.1141

110.2589,
-11.5740, 4.1860

■ 9.2947, -3.0569,
-0.3199

■ 31.5887, -5.3851,
0.5094

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.7927, -6.2207,
0.9067

0.0000, NaN, NaN

■ 50.7493, -7.0695,
1.3525

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.4056, -7.9341,
1.8426

0.0000, NaN, NaN

■ 72.7182, -8.8162,
2.3735

0.0000, NaN, NaN

■ 84.6511, -9.7166,

0.0000, NaN, NaN

2.9425

97.1735, -10.6357,
3.5473

15.7308, -3.7301,
-0.1141

15.7308, -3.7301,
-0.1141

15.5045, -4.5667,
-0.4104

15.9871, -2.8010,
0.2160

15.3071, -5.3059,
-0.6723

16.2722, -1.7840,
0.5773

15.1387, -5.9451,
-0.8985

16.5860, -0.6854,
0.9680

14.9985, -6.4830,
-1.0888

16.9281, 0.4884,
1.3860

14.8858, -6.9199,
-1.2432

17.2978, 1.7306,
1.8289

■ 14.7857, -7.3106,
-1.3813

■ 17.6942, 3.0343,
2.2944

■ 14.6850, -7.7070,
-1.5212

■ 18.1165, 4.3930,
2.7802

■ 14.6674, -7.7765,
-1.5458

■ 18.5636, 5.8003,
3.2840

■ 19.0347, 7.2503,
3.8039

Harmonies

Analogous

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



15.7311, -3.8158, 1.4568



15.7308, -3.7301, -0.1141



15.7311, -2.8900, -1.5550

Triad

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



15.7311, -3.7303, -0.1139



15.7311, 1.5869, -1.2802



15.7311, -0.1909, 3.5240

Complementary

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



15.7308, -3.7301, -0.1141



13.3358, 2.6986, 1.8672

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.



15.7311, 1.3202, 2.9375



15.7308, -3.7301, -0.1141



15.7311, 2.3745, 0.2312

Square

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



15.7311, -3.7303, -0.1139



15.7311, 0.1610, -2.2746



15.7311, 2.2749, 1.7683



15.7311, -1.8170, 3.4521

Rectangle

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



15.7308, -3.7301, -0.1141



15.7311, -1.9947, -2.1991



15.7311, 2.2749, 1.7683



15.7311, 0.3485, 3.4000

Sweetspot

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



15.7311, -3.7303, -0.1139



20.4629, -2.2659, 0.7184



15.4623, -5.2896, 3.9178



11.3863, -1.3007, 0.3864



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.



15.7311, -3.7303, -0.1139



19.5701, -5.4972, -0.4286



14.2099, -1.3810, -2.0533



9.1003, -0.9878, 0.3262



27.2966, -14.4725, -2.8765



72.8416, -38.6203, -7.6754

Inverse Universe

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



13.3358, 2.6986, 1.8672



15.7978, 4.6733, 2.7067



14.6985, 0.2196, 3.2569



8.7074, 0.0603, 0.6490



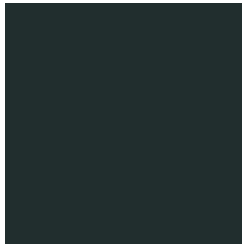
14.1839, 24.2905, 9.1646



37.8501, 64.8195, 24.4572

Previews

White Background



This preview shows how the HunterLab color 15.7308, -3.7301, -0.1141 looks on a white background.

Color Contrast Check

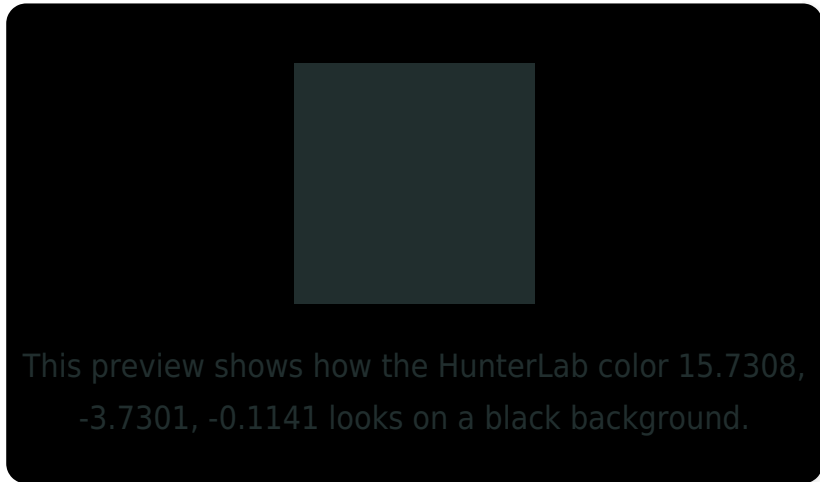
Large Text (above 18pt) WCAG AA ✓ Pass

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

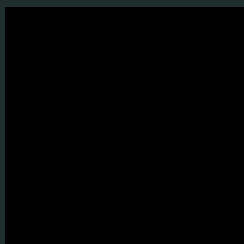
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

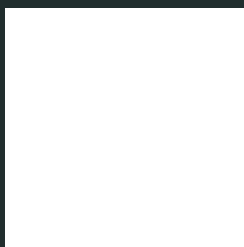
Any Text WCAG AAA × Fail

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

HunterLab 15.7308, -3.7301, -0.1141 Background



This preview shows how black text looks on a background with the HunterLab color 15.7308, -3.7301, -0.1141.



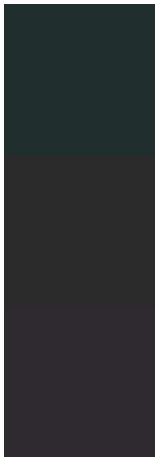
This preview shows how white text looks on a background with the HunterLab color 15.7308, -3.7301, -0.1141.

-0.1141.

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

15.7308, -3.7301, -0.1141

Protanopia

15.6367, -0.4558, 0.5921

Deuteranopia

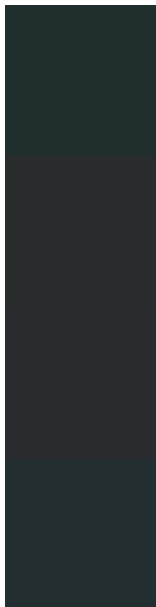
15.6269, 0.8412, -0.5596



Tritanopia

15.8613, -3.0997, -1.1422

Trichromacy



Original Color

15.7308, -3.7301, -0.1141

Protanomaly

15.6267, -1.6523, 0.1808

Deuteranomaly

15.5061, -0.7580, -0.7415

Tritanomaly

15.8350, -3.2479, -0.7694

Monochromacy



Original Color

15.7308, -3.7301, -0.1141

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.2758, -1.7660, 0.5113

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.7308, -3.7301, -0.1141 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(33, 46, 46)` looks like.

```
.text, #text, p{  
    color:rgb(33, 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(33, 46, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 46, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 15.7308, -3.7301, -0.1141 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(33, 46, 46) }
```


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

```
.border{ border-color:rgb(33, 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(33, 46, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 46, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 46, 46);  
box-shadow:4px 4px 4px 4px rgb(33, 46, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.7308, -3.7301, -0.1141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 46, 46) }
```

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

```
.background{ background-color: rgb(33, 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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