

Converting Colors

HunterLab(15.3972, -7.7440,
3.9097)

Have a look what the booklet for
HunterLab(15.3972, -7.7440, 3.9097)
contains.

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Color

**HunterLab(15.5109, -7.7550,
3.9220)**

Conversions

Conversions Part 1

Format	Color
Hex	173021
RGB	23, 48, 33
RGB Percent	9%, 19%, 13%
CMY	0.9098, 0.8118, 0.8706
CMYK	0.52, 0.00, 0.31, 0.81
HSL	144°, 35%, 14%
HSV	144°, 52%, 19%
XYZ	1.6848, 2.4059, 1.8144
YIQ	38.8150, -10.0850, -9.9650

Conversions

Conversions Part 2

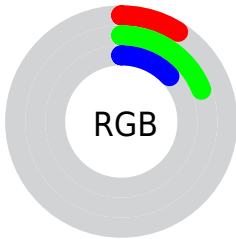
Format	Color
R_YB	23, 41, 48
Decimal	1519649
CIE Lab	17.49, -13.97, 6.65
CIE LCh	17, 15.476, 154.541
Yxy	2.4060, 0.2853, 0.4074
Android (android.graphics.Color)	4279709729 (0xFF173021)
YUV	38.8150, -2.8668, -13.8698
Hunter-Lab	15.5109, -7.7550, 3.9220

Details

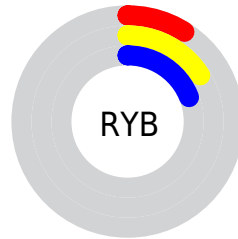
The HunterLab color **15.5109, -7.7550, 3.9220** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11.7524, 7.9157, -1.8713**, and the grayscale version is **14.1958, -0.7575, 0.7713**.

A 20% lighter version of the original color is **31.2573, -10.5787, 5.7573**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.2935, -8.7179, 4.4779**, and if you desaturate by 10%, it is **15.7630, -6.6690, 3.3543**.

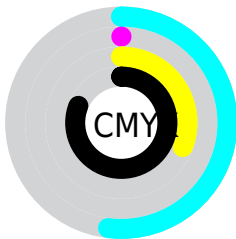
Distribution



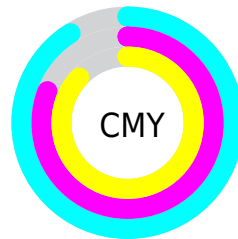
- Red (9%)
- Green (19%)
- Blue (13%)



- Red (9%)
- Yellow (16%)
- Blue (19%)



- Cyan (52%)
- Magenta (0%)
- Yellow (31%)
- Black (81%)



- Cyan (91%)
- Magenta (81%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.5109, -7.7550, 3.9220 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 15.5109, -7.7550, 3.9220 by changing the saturation by 10% instead.

■ 15.5109, -7.7550,
3.9220

■ 15.5109, -7.7550,
3.9220

109.8373,
-20.1609, 12.4200

■ 9.1047, -7.1740,
3.5244

■ 31.3110, -10.7578,
5.7709

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.4902, -12.1577,
6.6861

0.0000, NaN, NaN

■ 50.4240, -13.5228,
7.6077

0.0000, NaN, NaN

■ 61.0589, -14.8662,
8.5402

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.3513, -16.1964,
9.4862

0.0000, NaN, NaN

■ 84.2651, -17.5196,

0.0000, NaN, NaN

10.4475

■ 96.7693, -18.8400,
11.4252

■ 15.5109, -7.7550,
3.9220

■ 15.5109, -7.7550,
3.9220

■ 15.2935, -8.7179,
4.4779

■ 15.7630, -6.6690,
3.3543

■ 15.1092, -9.5523,
5.0166

■ 16.0490, -5.4657,
2.7790

■ 14.9565, -10.2613,
5.5324

■ 16.3688, -4.1537,
2.2009

■ 14.8137, -10.9292,
6.0030

■ 16.7221, -2.7420,
1.6241

■ 14.7027, -11.4493,
6.3386

■ 17.1081, -1.2405,
1.0523

■ 17.5258, 0.3411,
0.4886

■ 17.9742, 1.9928,
-0.0641

■ 18.4522, 3.7056,
-0.6039

■ 18.9585, 5.4706,
-1.1289

Harmonies

Analogous

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



15.5112, -5.3421, 6.1204



15.5109, -7.7550, 3.9220



15.5112, -8.3969, 0.1931

Triad

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



15.5112, -7.7552, 3.9222



15.5112, -0.1526, -9.5185



15.5112, 6.7780, 4.7512

Complementary

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



15.5109, -7.7550, 3.9220



11.7524, 7.9157, -1.8713

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.



15.5112, 8.5437, 1.4684



15.5109, -7.7550, 3.9220



15.5112, 4.2687, -7.3607

Square

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



15.5112, -7.7552, 3.9222



15.5112, -4.3020, -8.3275



15.5112, 7.5780, -3.0312



15.5112, 2.9805, 6.4971

Rectangle

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



15.5109, -7.7550, 3.9220



15.5112, -7.8019, -2.8863



15.5112, 7.5780, -3.0312



15.5112, 7.6470, 3.8303

Sweetspot

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



15.5112, -7.7552, 3.9222



20.8621, -4.3142, 2.3911



16.1119, -5.7448, 6.8443



11.1482, -2.3069, 1.2784



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.



15.5112, -7.7552, 3.9222



19.2011, -11.3320, 5.8572



15.7680, -6.2475, 0.2396



9.0708, -1.1516, 0.7477



26.2438, -20.8791, 12.2696



69.9007, -56.5349, 34.6728

Inverse Universe

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



11.7524, 7.9157, -1.8713



13.4867, 12.6881, -2.8410



11.4693, 6.5564, 2.1550



8.7370, 0.2209, 0.2256



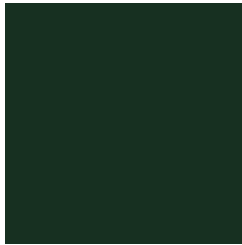
15.0331, 27.3952, -3.0801



39.8730, 72.2269, -4.8020

Previews

White Background



This preview shows how the HunterLab color 15.5109, -7.7550, 3.9220 looks on a white background.

Color Contrast Check

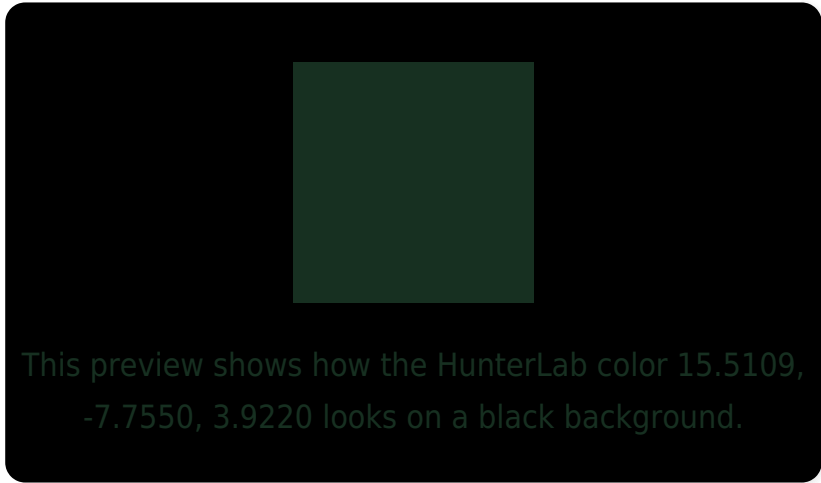
Large Text (above 18pt) WCAG AA ✓ Pass

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

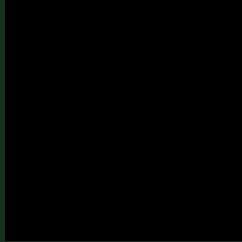
Any Text WCAG AA × Fail

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 15.5109, -7.7550, 3.9220 Background



This preview shows how black text looks on a background with the HunterLab color 15.5109, -7.7550, 3.9220.



This preview shows how white text looks on a background with the HunterLab color 15.5109, -7.7550,

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

15.5109, -7.7550, 3.9220

Protanopia

15.5162, -1.4082, 4.5829

Deuteranopia

15.4445, 0.8453, 3.4274



Tritanopia

15.5476, -4.1926, -2.0005

Trichromacy



Original Color

15.5109, -7.7550, 3.9220

Protanomaly

15.4697, -4.0129, 4.2248

Deuteranomaly

15.3882, -2.9818, 3.5990

Tritanomaly

15.6029, -5.6013, 0.4616

Monochromacy



Original Color

15.5109, -7.7550, 3.9220

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.5356, -3.4669, 1.7568

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.5109, -7.7550, 3.9220 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(23, 48, 33)` looks like.

```
.text, #text, p{  
    color:rgb(23, 48, 33)  
}
```

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(23, 48, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 48, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 15.5109, -7.7550, 3.9220 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(23, 48, 33) }
```


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

```
.border{ border-color:rgb(23, 48, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 48, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 48, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 48, 33);  
box-shadow:4px 4px 4px 4px rgb(23, 48, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.5109, -7.7550, 3.9220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 48, 33) }
```

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

```
.background{ background-color: rgb(23, 48,  
33) }
```

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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