

Converting Colors

HunterLab(15.5678, -4.1735,
8.1921)

Have a look what the booklet for
HunterLab(15.5678, -4.1735, 8.1921)
contains.

HunterLab(15.5464, -4.2311, 8.1790)	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(15.5464, -4.2311,
8.1790)**

Conversions

Conversions Part 1

Format	Color
Hex	2B2D0C
RGB	43, 45, 12
RGB Percent	17%, 18%, 5%
CMY	0.8314, 0.8235, 0.9529
CMYK	0.04, 0.00, 0.73, 0.82
HSL	64°, 58%, 11%
HSV	64°, 73%, 18%
XYZ	2.0010, 2.4169, 0.7089
YIQ	40.6400, 9.4010, -10.6870

Conversions

Conversions Part 2

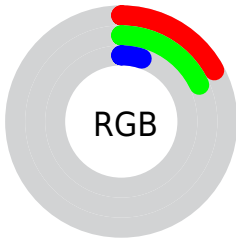
Format	Color
R _Y B	12, 45, 14
Decimal	2829580
CIE Lab	17.54, -6.50, 20.10
CIE LCh	18, 21.125, 107.926
Yxy	2.4170, 0.3903, 0.4714
Android (android.graphics.Color)	4281019660 (0xFF2B2D0C)
YUV	40.6400, -14.1195, 2.0697
Hunter-Lab	15.5464, -4.2311, 8.1790

Details

The HunterLab color **15.5464, -4.2311, 8.1790** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **7.3880, 6.0688, -15.2658**, and the grayscale version is **14.8165, -0.7906, 0.8050**.

A 20% lighter version of the original color is **31.5299, -6.0863, 12.2866**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.4952, -4.4876, 8.6453**, and if you desaturate by 10%, it is **15.6055, -3.9355, 7.6092**.

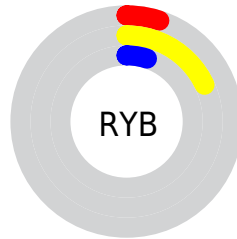
Distribution



Red (17%)

Green (18%)

Blue (5%)



Red (5%)

Yellow (18%)

Blue (5%)

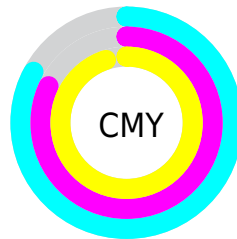


Cyan (4%)

Magenta (0%)

Yellow (73%)

Black (82%)



Cyan (83%)

Magenta (82%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.5464, -4.2311, 8.1790 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 15.5464, -4.2311, 8.1790 by changing the saturation by 10% instead.

■ 15.5464, -4.2311,
8.1790

■ 15.5464, -4.2311,
8.1790

■ 109.9055,
-12.6174, 24.2327

■ 9.1358, -3.5892,
6.3950

■ 31.3559, -6.0458,
12.2595

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.5391, -6.9483,
14.1304

0.0000, NaN, NaN

■ 50.4766, -7.8585,
15.9179

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.1150, -8.7801,
17.6462

0.0000, NaN, NaN

■ 72.4107, -9.7156,
19.3316

0.0000, NaN, NaN

■ 84.3276, -10.6664,

0.0000, NaN, NaN

20.9859

■ 96.8347, -11.6335,
22.6175

■ 15.5464, -4.2311,
8.1790

■ 15.5464, -4.2311,
8.1790

■ 15.4952, -4.4876,
8.6453

■ 15.6055, -3.9355,
7.6092

■ 15.4445, -4.7403,
9.1030

■ 15.6732, -3.5900,
6.9108

■ 15.4106, -4.9095,
9.4100

■ 15.7503, -3.1934,
6.0795

■ 15.8371, -2.7445,
5.1118

■ 15.9338, -2.2426,
4.0055

■ 16.0408, -1.6874,
2.7594

■ 16.1582, -1.0789,
1.3731

■ 16.2861, -0.4174,
-0.1529

■ 16.4246, 0.2963,
-1.8171

Harmonies

Analogous

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



15.5468, 1.6631, 8.3279



15.5464, -4.2311, 8.1790



15.5468, -8.5160, 6.5599

Triad

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



15.5468, -4.2316, 8.1791



15.5468, -7.8448, -9.7327



15.5468, 12.1697, -1.6350

Complementary

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



15.5464, -4.2311, 8.1790



7.3880, 6.0688, -15.2658

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.



15.5468, 8.7173, -8.4762



15.5464, -4.2311, 8.1790



15.5468, -3.1760, -14.2102

Square

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



15.5468, -4.2316, 8.1791



15.5468, -10.3734, -2.9342



15.5468, 2.8910, -13.6787



15.5468, 11.7720, 3.8653

Rectangle

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



15.5464, -4.2311, 8.1790



15.5468, -10.1603, 4.4385



15.5468, 2.8910, -13.6787



15.5468, 11.4017, -3.8811

Sweetspot

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



15.5468, -4.2316, 8.1791



20.4522, -2.8755, 5.1346



9.4300, 8.1243, 3.7658



11.3905, -1.6052, 2.8680



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.



15.5468, -4.2316, 8.1791



19.8355, -6.0164, 11.5131



14.6096, -7.8156, 7.4538



9.1848, -0.7862, 1.1737



29.2178, -9.4948, 17.8377



77.8723, -25.6983, 47.5346

Inverse Universe

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



7.3880, 6.0688, -15.2658



7.2839, 11.3684, -28.6069



8.5484, 8.9496, -11.7959



8.6174, -0.1469, -0.2518



8.4685, 22.5702, -57.0664



22.2503, 59.9697, -155.1192

Previews

White Background



This preview shows how the HunterLab color 15.5464, -4.2311, 8.1790 looks on a white background.

Color Contrast Check

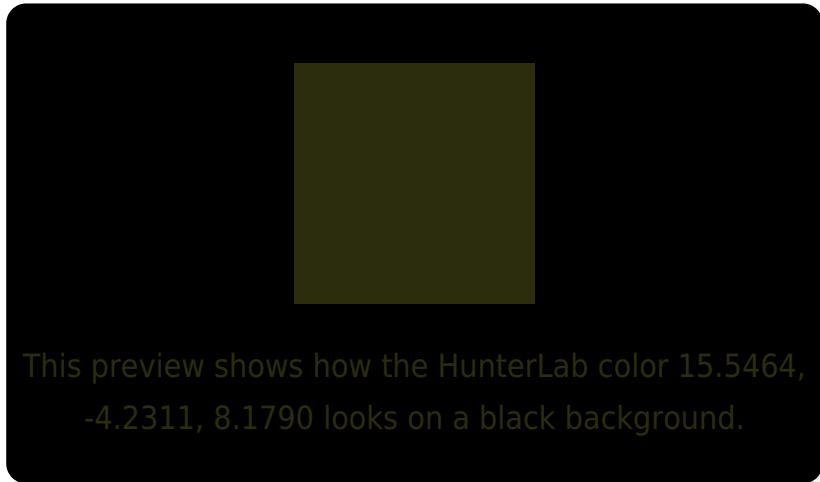
Large Text (above 18pt) WCAG AA ✓ Pass

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

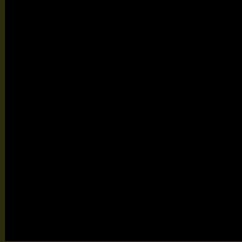
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

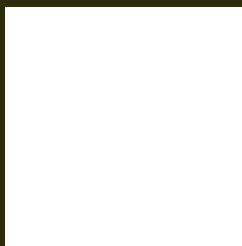
Any Text WCAG AAA × Fail

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

HunterLab 15.5464, -4.2311, 8.1790 Background



This preview shows how black text looks on a background with the HunterLab color 15.5464, -4.2311, 8.1790.

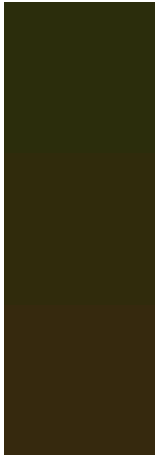


This preview shows how white text looks on a background with the HunterLab color 15.5464, -4.2311, 8.1790.

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

15.5464, -4.2311, 8.1790

Protanopia

15.4359, -2.1601, 8.1377

Deuteranopia

15.4979, 0.4465, 7.9681



Tritanopia

15.5764, 0.5692, 0.1582

Trichromacy



Original Color

15.5464, -4.2311, 8.1790

Protanomaly

15.5202, -3.0796, 8.1808

Deuteranomaly

15.3724, -1.1700, 7.9833

Tritanomaly

15.4772, -1.4751, 3.9993

Monochromacy



Original Color

15.5464, -4.2311, 8.1790

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

14.9730, -2.1553, 4.3248

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.5464, -4.2311, 8.1790 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(43, 45, 12)` looks like.

```
.text, #text, p{  
    color:rgb(43, 45, 12)  
}
```

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(43, 45, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 45, 12) }
```

Border

The CSS property to change the border of an element to HunterLab 15.5464, -4.2311, 8.1790 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(43, 45, 12) }
```


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

```
.border{ border-color:rgb(43, 45, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 45, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 45, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 45, 12);  
box-shadow:4px 4px 4px 4px rgb(43, 45, 12)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.5464, -4.2311, 8.1790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 45, 12) }
```

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

```
.background{ background-color: rgb(43, 45,  
12) }
```

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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