

Converting Colors

HunterLab(15.5441, -12.2141,
6.9379)

Have a look what the booklet for
HunterLab(15.5441, -12.2141,
6.9379) contains.

HunterLab(15.5392, -12.2447, 7.0101)	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(15.5392,
-12.2447, 7.0101)**

Conversions

Conversions Part 1

Format	Color
Hex	003313
RGB	0, 51, 19
RGB Percent	0%, 20%, 7%
CMY	1.0000, 0.8000, 0.9255
CMYK	1.00, 0.00, 0.63, 0.80
HSL	142°, 100%, 10%
HSV	142°, 100%, 20%
XYZ	1.3014, 2.4147, 1.0136
YIQ	32.1030, -20.1240, -20.7640

Conversions

Conversions Part 2

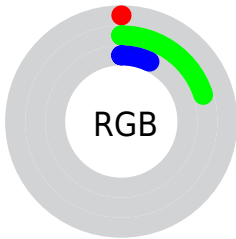
Format	Color
RYB	0, 37, 51
Decimal	13075
CIELab	17.53, -24.90, 15.73
CIELCh	18, 29.457, 147.712
Yxy	2.4148, 0.2752, 0.5105
Android (android.graphics.Color)	4278203155 (0xFF003313)
YUV	32.1030, -6.4598, -28.1543
Hunter-Lab	15.5392, -12.2447, 7.0101

Details

The HunterLab color **15.5392, -12.2447, 7.0101** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **8.9896, 16.5548, -3.1837**, and the grayscale version is **12.0749, -0.6443, 0.6561**.

A 20% lighter version of the original color is **31.2841, -17.0753, 10.3409**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.5395, -12.2449, 7.0102**, and if you desaturate by 10%, it is **15.6824, -11.5718, 6.5525**.

Distribution



Red (0%)

Green (20%)

Blue (7%)



Red (0%)

Yellow (15%)

Blue (20%)

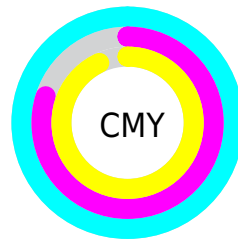


Cyan (100%)

Magenta (0%)

Yellow (63%)

Black (80%)



Cyan (100%)

Magenta (80%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.5392, -12.2447, 7.0101 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 15.5392, -12.2447, 7.0101 by changing the saturation by 10% instead.

15.5392, -12.2447,
7.0101

15.5392, -12.2447,
7.0101

109.8916,
-30.8238, 20.5723

9.1295, -12.3733,
6.3906

31.3468, -17.1023,
10.3924

0.0000, NaN, NaN

0.0000, NaN, NaN

40.5292, -19.2698,
11.9398

0.0000, NaN, NaN

50.4659, -21.3331,
13.4346

0.0000, NaN, NaN

0.0000, NaN, NaN

61.1035, -23.3206,
14.8945

0.0000, NaN, NaN


72.3986, -25.2516,
16.3310


0.0000, NaN, NaN


84.3148, -27.1395,


0.0000, NaN, NaN


17.7525


 96.8214, -28.9944,
19.1648


 15.5392, -12.2447,
7.0101


 15.5392, -12.2447,
7.0101


 15.5395, -12.2449,
7.0102

 15.6824, -11.5718,
6.5525

 15.8288, -10.8821,
6.0326

 15.9956, -10.1076,
5.4661

 16.1985, -9.1888,
4.8706

 16.4384, -8.1287,
4.2514

■ 16.7157, -6.9330,
3.6141

■ 17.0305, -5.6094,
2.9641

■ 17.3824, -4.1674,
2.3067

■ 17.7709, -2.6175,
1.6467

Harmonies

Analogous

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



15.5395, -7.6386, 9.7723



15.5392, -12.2447, 7.0101



15.5395, -13.8802, 1.4457

Triad

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



15.5395, -12.2449, 7.0102



15.5395, -1.4683, -23.6034



15.5395, 16.1720, 6.4209

Complementary

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



15.5392, -12.2447, 7.0101



8.9896, 16.5548, -3.1837

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.



15.5395, 18.7815, 0.2211



15.5392, -12.2447, 7.0101



15.5395, 7.3998, -19.7759

Square

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



15.5395, -12.2449, 7.0102



15.5395, -8.5378, -18.5048



15.5395, 15.2814, -9.7780



15.5395, 8.7530, 9.4586

Rectangle

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



15.5392, -12.2447, 7.0101



15.5395, -13.3980, -4.5804



15.5395, 15.2814, -9.7780



15.5395, 17.7015, 4.8255

Sweetspot

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



15.5395, -12.2449, 7.0102



21.8784, -7.5068, 3.9520



16.3697, -9.1399, 9.9269



11.5366, -4.0268, 2.1170



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



15.5395, -12.2449, 7.0102



20.0012, -15.9212, 9.3696



15.9722, -9.5977, 0.7549



9.8180, -1.2832, 0.8417



27.0142, -21.6949, 13.0677



70.7724, -57.7093, 36.1186

Inverse Universe

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



8.9896, 16.5548, -3.1837



11.5456, 21.1954, -3.5714



8.4779, 14.6942, 4.1156



9.4454, 0.2785, 0.2105



15.5620, 28.4850, -4.1662



40.6091, 73.9213, -7.6896

Previews

White Background



This preview shows how the HunterLab color 15.5392, -12.2447, 7.0101 looks on a white background.

Color Contrast Check

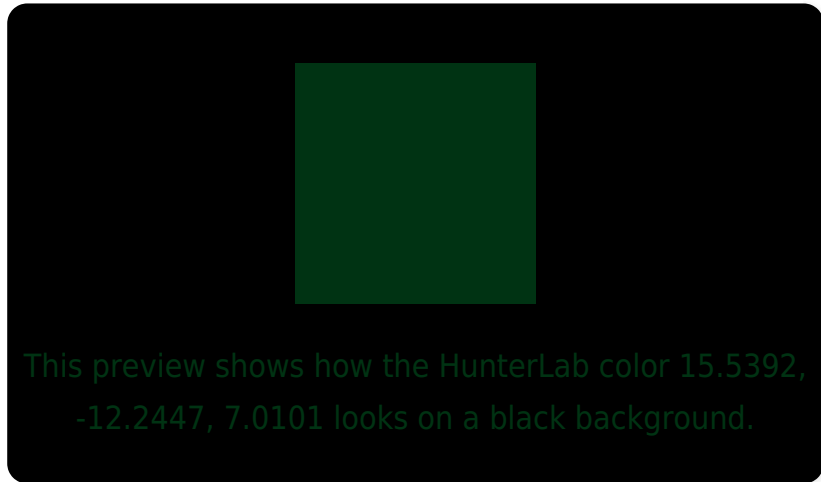
Large Text (above 18pt) WCAG AA ✓ Pass

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

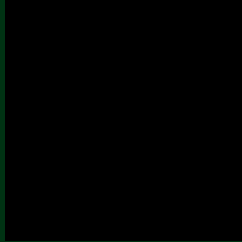
Any Text WCAG AA × Fail

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 15.5392, -12.2447, 7.0101 Background



This preview shows how black text looks on a background with the HunterLab color 15.5392, -12.2447, 7.0101.



This preview shows how white text looks on a background with the HunterLab color 15.5392,

-12.2447, 7.0101.

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

15.5392, -12.2447, 7.0101

Protanopia

15.7949, -2.0049, 7.7070

Deuteranopia

15.8055, 0.5078, 6.9007



Tritanopia

15.8447, -5.5884, -2.4912

Trichromacy



Original Color

15.5392, -12.2447, 7.0101

Protanomaly

15.3883, -7.3172, 7.1492

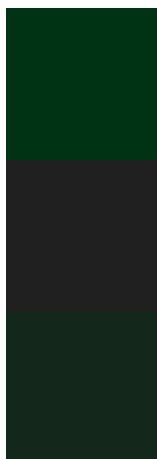
Deuteranomaly

15.0698, -5.8399, 6.3924

Tritanomaly

15.6057, -8.4681, 1.8410

Monochromacy



Original Color

15.5392, -12.2447, 7.0101

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

12.9572, -5.9807, 3.1347

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.5392, -12.2447, 7.0101 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(0, 51, 19)` looks like.

```
.text, #text, p{  
    color:rgb(0, 51, 19)  
}
```

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(0, 51, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 51, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 15.5392, -12.2447, 7.0101 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(0, 51, 19) }
```


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

```
.border{ border-color:rgb(0, 51, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 51, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 51, 19); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 51, 19); box-shadow:4px  
4px 4px 4px rgb(0, 51, 19) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.5392, -12.2447, 7.0101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 51, 19) }
```

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

```
.background{ background-color: rgb(0, 51,  
19) }
```

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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