

Converting Colors

HunterLab(15.6611, -11.7050,
6.8683)

Have a look what the booklet for
HunterLab(15.6611, -11.7050,
6.8683) contains.

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Color

**HunterLab(15.6538,
-11.7416, 6.9336)**

Conversions

Conversions Part 1

Format	Color
Hex	053314
RGB	5, 51, 20
RGB Percent	2%, 20%, 8%
CMY	0.9804, 0.8000, 0.9216
CMYK	0.90, 0.00, 0.61, 0.80
HSL	140°, 82%, 11%
HSV	140°, 90%, 20%
XYZ	1.3727, 2.4504, 1.0624
YIQ	33.7120, -17.4650, -19.3930

Conversions

Conversions Part 2

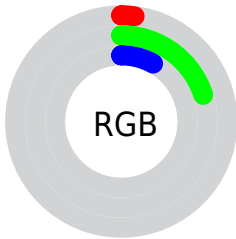
Format	Color
R_{YB}	5, 40, 51
Decimal	340756
CIE _{Lab}	17.69, -23.47, 15.35
CIE _{LCh}	18, 28.042, 146.804
Yxy	2.4505, 0.2810, 0.5016
Android (android.graphics.Color)	4278530836 (0xFF053314)
YUV	33.7120, -6.7600, -25.1804
Hunter-Lab	15.6538, -11.7416, 6.9336

Details

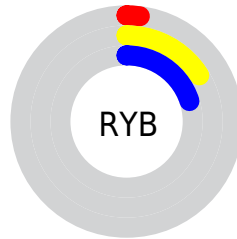
The HunterLab color **15.6538, -11.7416, 6.9336** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **9.6941, 15.0377, -3.9718**, and the grayscale version is **12.5815, -0.6713, 0.6836**.

A 20% lighter version of the original color is **31.4745, -16.2867, 10.2508**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.5147, -12.3990, 7.3738**, and if you desaturate by 10%, it is **15.8005, -11.0511, 6.4140**.

Distribution



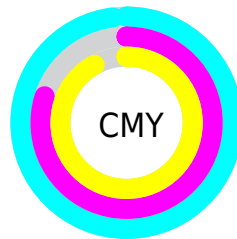
- Red (2%)
- Green (20%)
- Blue (8%)



- Red (2%)
- Yellow (16%)
- Blue (20%)



- Cyan (90%)
- Magenta (0%)
- Yellow (61%)
- Black (80%)



- Cyan (98%)
- Magenta (80%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.6538, -11.7416, 6.9336 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 15.6538, -11.7416, 6.9336 by changing the saturation by 10% instead.

15.6538, -11.7416,
6.9336

15.6538, -11.7416,
6.9336

110.1114,
-29.4779, 20.2676

9.2287, -11.5726,
6.4601

31.4915, -16.3414,
10.2444

0.0000, NaN, NaN

0.0000, NaN, NaN

40.6868, -18.4036,
11.7631

0.0000, NaN, NaN

50.6355, -20.3718,
13.2321

0.0000, NaN, NaN

0.0000, NaN, NaN

61.2843, -22.2719,
14.6685

0.0000, NaN, NaN

72.5899, -24.1217,
16.0833

0.0000, NaN, NaN

84.5160, -25.9335,

0.0000, NaN, NaN

17.4846

■ 97.0321, -27.7166,
18.8780

■ 15.6538, -11.7416,
6.9336

■ 15.6538, -11.7416,
6.9336

■ 15.5147, -12.3990,
7.3738

■ 15.8005, -11.0511,
6.4140

■ 15.9673, -10.2738,
5.8370

■ 16.1709, -9.3477,
5.2204

■ 16.4122, -8.2760,
4.5695

■ 16.6916, -7.0644,
3.8901

■ 17.0092, -5.7210,
3.1881

■ 17.3647, -4.2559,
2.4694

■ 17.7574, -2.6799,
1.7393

■ 18.1863, -1.0045,
1.0030

Harmonies

Analogous

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



15.6541, -7.1870, 9.5078



15.6538, -11.7416, 6.9336



15.6541, -13.4257, 1.6464

Triad

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



15.6541, -11.7418, 6.9337



15.6541, -1.6847, -21.9341



15.6541, 15.3980, 6.1192

Complementary

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



15.6538, -11.7416, 6.9336



9.6941, 15.0377, -3.9718

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.



15.6541, 17.6762, 0.0139



15.6538, -11.7416, 6.9336



15.6541, 6.7229, -18.6468

Square

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



15.6541, -11.7418, 6.9337



15.6541, -8.4002, -17.0073



15.6541, 14.2298, -9.4650



15.6541, 8.5090, 9.0937

Rectangle

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



15.6538, -11.7416, 6.9336



15.6541, -13.0092, -3.9966



15.6541, 14.2298, -9.4650



15.6541, 16.7816, 4.5200

Sweetspot

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



15.6541, -11.7418, 6.9337



21.9961, -7.0469, 3.9446



16.6181, -8.0926, 9.5861



11.6079, -3.7456, 2.0952



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.



15.6541, -11.7418, 6.9337



19.9701, -16.1149, 9.8265



16.0352, -9.4201, 1.4183



9.8155, -1.2971, 0.8774



26.9734, -21.9489, 13.6668



70.6737, -58.3254, 37.5718

Inverse Universe

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



9.6941, 15.0377, -3.9718



11.6435, 21.5459, -4.9263



9.1792, 13.0093, 3.3286



9.4481, 0.2929, 0.1725



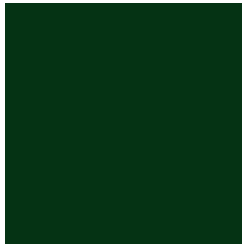
15.6972, 28.9702, -6.0441



40.9768, 75.2438, -12.8223

Previews

White Background



This preview shows how the HunterLab color 15.6538, -11.7416, 6.9336 looks on a white background.

Color Contrast Check

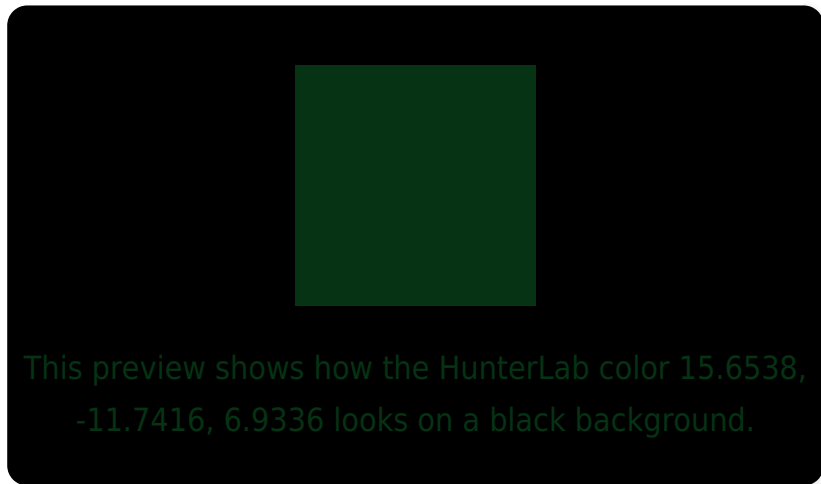
Large Text (above 18pt) WCAG AA ✓ Pass

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

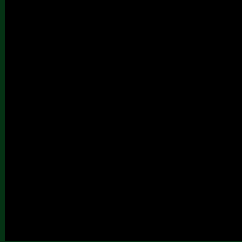
Any Text WCAG AA × Fail

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 15.6538, -11.7416, 6.9336 Background



This preview shows how black text looks on a background with the HunterLab color 15.6538, -11.7416, 6.9336.



This preview shows how white text looks on a background with the HunterLab color 15.6538,

-11.7416, 6.9336.

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

15.6538, -11.7416, 6.9336

Protanopia

15.8051, -1.9486, 7.5581

Deuteranopia

15.8179, 0.5748, 6.7186



Tritanopia

15.8785, -5.4610, -2.4423

Trichromacy



Original Color

15.6538, -11.7416, 6.9336

Protanomaly

15.5028, -6.8508, 7.0766

Deuteranomaly

15.1979, -5.3289, 6.3104

Tritanomaly

15.6569, -8.2655, 1.9010

Monochromacy



Original Color

15.6538, -11.7416, 6.9336

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

13.3733, -5.5989, 2.9891

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.6538, -11.7416, 6.9336 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(5, 51, 20)` looks like.

```
.text, #text, p{  
    color:rgb(5, 51, 20)  
}
```

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(5, 51, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 51, 20) }
```

Border

The CSS property to change the border of an element to HunterLab 15.6538, -11.7416, 6.9336 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(5, 51, 20) }
```


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

```
.border{ border-color:rgb(5, 51, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 51, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 51, 20); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 51, 20); box-shadow:4px  
4px 4px 4px rgb(5, 51, 20) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.6538, -11.7416, 6.9336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 51, 20) }
```

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

```
.background{ background-color: rgb(5, 51,  
20) }
```

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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