

Converting Colors

HunterLab(15.7858, -11.5135,
9.5255)

Have a look what the booklet for
HunterLab(15.7858, -11.5135,
9.5255) contains.

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Color

**HunterLab(15.7995,
-11.4563, 9.5350)**

Conversions

Conversions Part 1

Format	Color
Hex	123300
RGB	18, 51, 0
RGB Percent	7%, 20%, 0%
CMY	0.9294, 0.8000, 1.0000
CMYK	0.65, 0.00, 1.00, 0.80
HSL	99°, 100%, 10%
HSV	99°, 100%, 20%
XYZ	1.4333, 2.4962, 0.4063
YIQ	35.3190, -3.2970, -22.8570

Conversions

Conversions Part 2

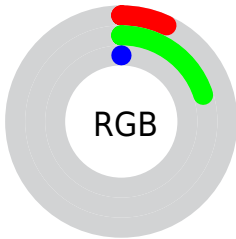
Format	Color
RYB	0, 51, 33
Decimal	1192704
CIELab	17.90, -22.60, 25.05
CIELCh	18, 33.741, 132.052
Yxy	2.4963, 0.3306, 0.5757
Android (android.graphics.Color)	4279382784 (0xFF123300)
YUV	35.3190, -17.4123, -15.1888
Hunter-Lab	15.7995, -11.4563, 9.5350

Details

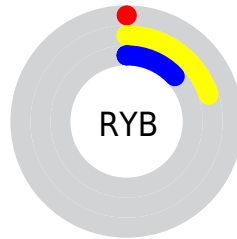
The HunterLab color **15.7995, -11.4563, 9.5350** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **7.4996, 16.0293, -19.8597**, and the grayscale version is **13.1202, -0.7001, 0.7128**.

A 20% lighter version of the original color is **31.6711, -15.9995, 14.2009**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.7998, -11.4568, 9.5352**, and if you desaturate by 10%, it is **15.9426, -10.7972, 9.0899**.

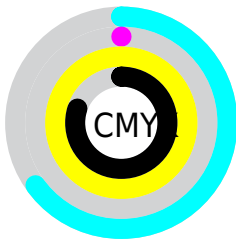
Distribution



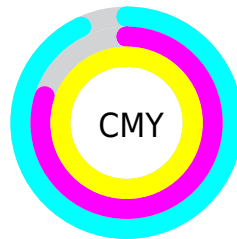
- Red (7%)
- Green (20%)
- Blue (0%)



- Red (0%)
- Yellow (20%)
- Blue (13%)



- Cyan (65%)
- Magenta (0%)
- Yellow (100%)
- Black (80%)



- Cyan (93%)
- Magenta (80%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.7995, -11.4563, 9.5350 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 15.7995, -11.4563, 9.5350 by changing the saturation by 10% instead.

■ 15.7995, -11.4563,
9.5350

■ 15.7995, -11.4563,
9.5350

■ 110.3903,
-28.6803, 28.2566

■ 9.3531, -11.0285,
6.5472

■ 31.6753, -15.8980,
14.2043

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.8870, -17.8961,
16.4479

0.0000, NaN, NaN

■ 50.8508, -19.8065,
18.5743

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.5137, -21.6537,
20.6141

0.0000, NaN, NaN


■ 72.8326, -23.4544,
22.5888


0.0000, NaN, NaN


■ 84.7714, -25.2203,


0.0000, NaN, NaN


24.5136


 97.2995, -26.9601,
26.4000


 15.7995, -11.4563,
9.5350

 15.7995, -11.4563,
9.5350


 15.7998, -11.4568,
9.5352

 15.9426, -10.7972,
9.0899

 16.0989, -10.0903,
8.6645

 16.2745, -9.3033,
8.1775

 16.4746, -8.4082,
7.5545

 16.6996, -7.4071,
6.7936

■ 16.9496, -6.3036,
5.8949

■ 17.2245, -5.1025,
4.8608

■ 17.5239, -3.8091,
3.6948

■ 17.8477, -2.4296,
2.4020

Harmonies

Analogous

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



15.7998, -4.5370, 11.0599



15.7995, -11.4563, 9.5350



15.7998, -14.9123, 5.3922

Triad

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



15.7998, -11.4566, 9.5351



15.7998, -6.1682, -26.8605



15.7998, 21.7238, 4.1215

Complementary

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



15.7995, -11.4563, 9.5350



7.4996, 16.0293, -19.8597

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.



15.7998, 20.9848, -5.6085



15.7995, -11.4563, 9.5350



15.7998, 3.2231, -28.0002

Square

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



15.7998, -11.4566, 9.5351



15.7998, -12.4026, -16.1348



15.7998, 13.6157, -18.6803



15.7998, 15.4424, 8.8913

Rectangle

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



15.7995, -11.4563, 9.5350



15.7998, -15.4476, 0.2143



15.7998, 13.6157, -18.6803



15.7998, 22.3233, 1.4796

Sweetspot

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



15.7998, -11.4566, 9.5351



22.1374, -6.8267, 6.4847



13.2407, 2.3077, 8.1991



11.6754, -3.6616, 3.4739



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.



15.7998, -11.4566, 9.5351



20.2940, -15.0354, 12.2418



15.4359, -12.8914, 8.5356



9.8532, -1.1977, 1.1886



27.3597, -20.6515, 16.4974



71.4518, -55.6706, 43.0537

Inverse Universe

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



7.4996, 16.0293, -19.8597



9.5309, 20.4862, -26.1213



9.4193, 18.0766, -9.0035



9.4064, 0.1894, -0.1774



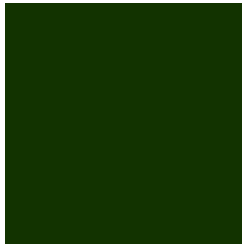
12.7187, 27.4850, -35.9968



32.5495, 71.0928, -97.9641

Previews

White Background



This preview shows how the HunterLab color 15.7995, -11.4563, 9.5350 looks on a white background.

Color Contrast Check

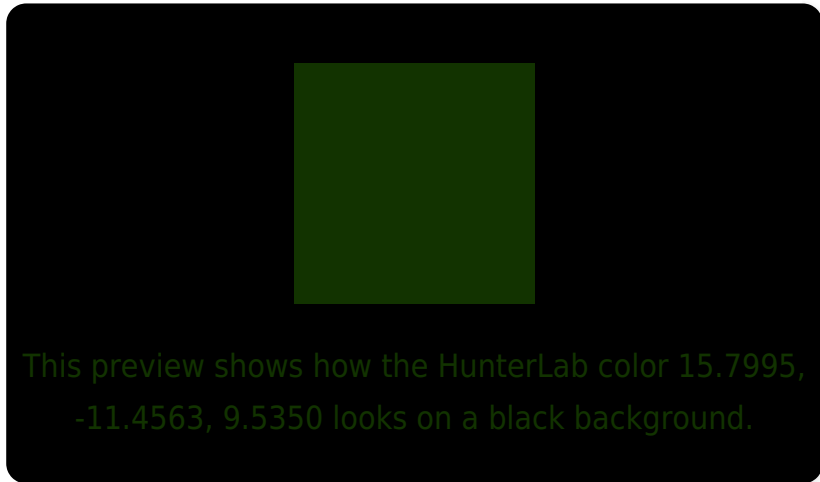
Large Text (above 18pt) WCAG AA ✓ Pass

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

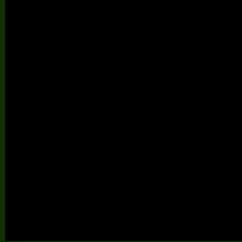
Any Text WCAG AA × Fail

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 15.7995, -11.4563, 9.5350 Background



This preview shows how black text looks on a background with the HunterLab color 15.7995, -11.4563, 9.5350.



This preview shows how white text looks on a background with the HunterLab color 15.7995,

-11.4563, 9.5350.

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

15.7995, -11.4563, 9.5350

Protanopia

15.7463, -2.4348, 9.6602

Deuteranopia

15.8772, 0.5379, 8.6105



Tritanopia

15.8274, -4.3971, -2.0567

Trichromacy



Original Color

15.7995, -11.4563, 9.5350

Protanomaly

15.6368, -6.6359, 9.5192

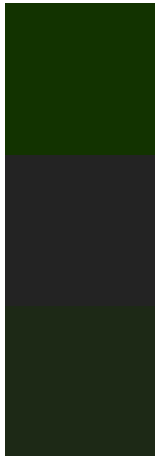
Deuteranomaly

15.4414, -4.6935, 8.6609

Tritanomaly

15.5318, -7.7083, 4.2193

Monochromacy



Original Color

15.7995, -11.4563, 9.5350

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

13.8022, -5.4732, 5.1484

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.7995, -11.4563, 9.5350 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(18, 51, 0)` looks like.

```
.text, #text, p{  
    color:rgb(18, 51, 0)  
}
```

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(18, 51, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 51, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 15.7995, -11.4563, 9.5350 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(18, 51, 0) }
```


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

```
.border{ border-color:rgb(18, 51, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 51, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 51, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(18, 51, 0); box-shadow:4px  
4px 4px 4px rgb(18, 51, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.7995, -11.4563, 9.5350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 51, 0) }
```

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

```
.background{ background-color: rgb(18, 51,  
0) }
```

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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