

Converting Colors

HunterLab(15.1733, 11.8958,
3.3511)

Have a look what the booklet for
HunterLab(15.1733, 11.8958,
3.3511) contains.

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Color

**HunterLab(15.1729, 11.8996,
3.3443)**

Conversions

Conversions Part 1

Format	Color
Hex	461D23
RGB	70, 29, 35
RGB Percent	27%, 11%, 14%
CMY	0.7255, 0.8863, 0.8627
CMYK	0.00, 0.59, 0.50, 0.73
HSL	351°, 41%, 19%
HSV	351°, 59%, 27%
XYZ	3.2685, 2.3022, 1.8622
YIQ	41.9430, 22.5100, 10.5580

Conversions

Conversions Part 2

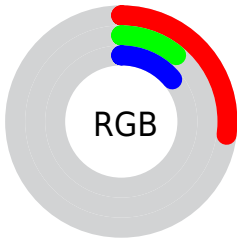
Format	Color
R_{YB}	70, 29, 35
Decimal	4594979
CIE _{Lab}	17.00, 20.36, 5.37
CIE _{LCh}	17, 21.051, 14.770
Yxy	2.3023, 0.4397, 0.3097
Android (android.graphics.Color)	4282785059 (0xFF461D23)
YUV	41.9430, -3.4229, 24.6060
Hunter-Lab	15.1729, 11.8996, 3.3443

Details

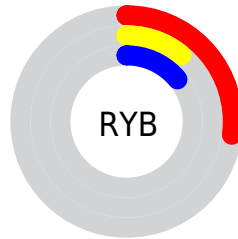
The HunterLab color **15.1729, 11.8996, 3.3443** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **22.3869, -10.2943, 0.7675**, and the grayscale version is **15.2037, -0.8112, 0.8260**.

A 20% lighter version of the original color is **30.8659, 13.9083, 5.0538**, and **3.5861, 6.1412, 2.3172** is the 20% darker color. If you saturate the color by 10%, you get **14.0172, 14.1160, 3.9612**, and if you desaturate by 10%, it is **16.5043, 9.5829, 2.8093**.

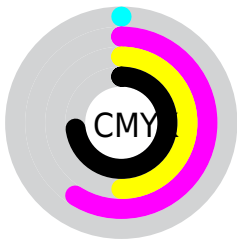
Distribution



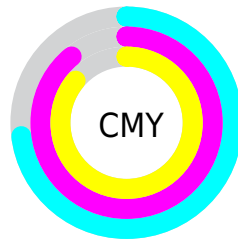
- Red (27%)
- Green (11%)
- Blue (14%)



- Red (27%)
- Yellow (11%)
- Blue (14%)



- Cyan (0%)
- Magenta (59%)
- Yellow (50%)
- Black (73%)



- Cyan (73%)
- Magenta (89%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.1729, 11.8996, 3.3443 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 15.1729, 11.8996, 3.3443 by changing the saturation by 10% instead.

■ 15.1729, 11.8996,
3.3443

■ 15.1729, 11.8996,
3.3443

■ 109.1867, 16.3351,
11.1606

■ 8.8030, 10.9013,
3.0063

■ 30.8833, 13.6418,
4.9917

0.0000, INF, NaN

0.0000, NaN, NaN

■ 40.0241, 14.3061,
5.8225

0.0000, NaN, NaN

■ 49.9224, 14.8578,
6.6669

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.5241, 15.3111,
7.5278

0.0000, NaN, NaN


■ 71.7854, 15.6774,
8.4068


0.0000, NaN, NaN


■ 83.6696, 15.9655,


0.0000, NaN, NaN

9.3050


 96.1456, 16.1828,
10.2228

 15.1729, 11.8996,
3.3443


 15.1729, 11.8996,
3.3443

 14.0172, 14.1160,
3.9612


 16.5043, 9.5829,
2.8093


 13.0609, 16.1181,
4.6389


 17.9857, 7.2492,
2.3610

 12.3146, 17.7942,
5.3322

 19.5956, 4.9449,
1.9966

 11.6114, 19.6131,
5.8666

 21.3151, 2.6939,
1.7085

 11.5088, 19.9042,
5.9252

 23.1288, 0.5051,
1.4875

■ 25.0239, -1.6213,
1.3245

■ 26.9901, -3.6894,
1.2113

■ 29.0190, -5.7054,
1.1406

■ 31.1038, -7.6758,
1.1064

Harmonies

Analogous

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



15.1733, 11.8676, -2.3168



15.1729, 11.8996, 3.3443



15.1733, 8.1863, 6.6612

Triad

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



15.1733, 11.8986, 3.3446



15.1733, -8.0501, 6.6948



15.1733, -3.6977, -13.8559

Complementary

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



15.1729, 11.8996, 3.3443



22.3869, -10.2943, 0.7675

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.



15.1733, -8.1020, -8.9999



15.1729, 11.8996, 3.3443



15.1733, -10.3388, 3.4135

Square

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



15.1733, 11.8986, 3.3446



15.1733, -3.6158, 8.1751



15.1733, -10.3562, -2.2157



15.1733, 2.2148, -13.8974

Rectangle

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



15.1729, 11.8996, 3.3443



15.1733, 4.3753, 7.8165



15.1733, -10.3562, -2.2157



15.1733, -5.3814, -12.6688

Sweetspot

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



15.1733, 11.8986, 3.3446



28.0720, 3.6043, 2.2592



15.5114, 14.8529, -12.3300



14.0130, 2.0418, 1.1674



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



15.1733, 11.8986, 3.3446



17.9083, 19.8044, 5.6032



17.7320, 5.4532, 7.1346



12.3191, 0.2749, 0.7931



16.4660, 28.4002, 9.0762



40.5385, 69.6971, 24.0737

Inverse Universe

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



15.1733, 11.8986, 3.3446



17.9083, 19.8044, 5.6032



18.7031, -4.0075, -6.9138



12.3191, 0.2749, 0.7931



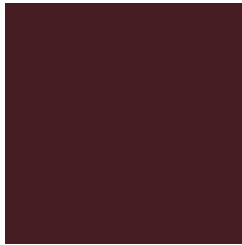
16.4660, 28.4002, 9.0762



40.5385, 69.6971, 24.0737

Previews

White Background



This preview shows how the HunterLab color 15.1729, 11.8996, 3.3443 looks on a white background.

Color Contrast Check

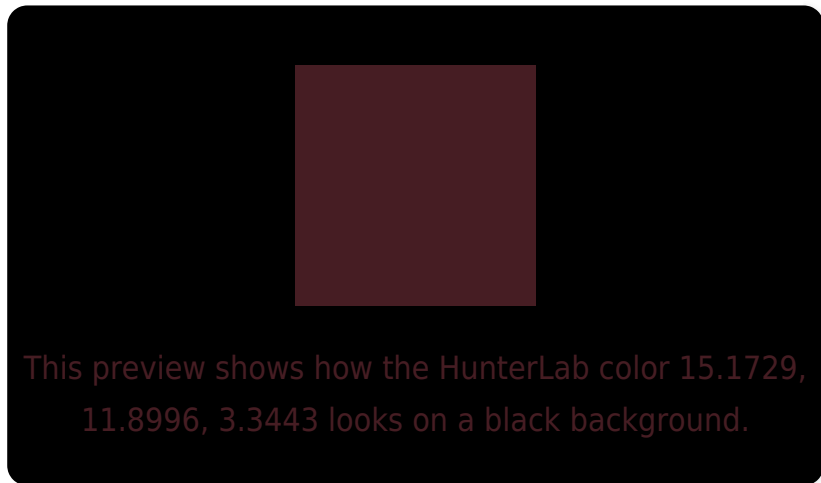
Large Text (above 18pt) WCAG AA ✓ Pass

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

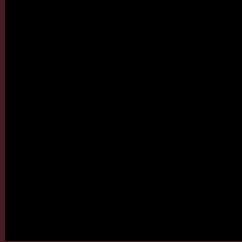
Any Text WCAG AA × Fail

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 15.1729, 11.8996, 3.3443 Background



This preview shows how black text looks on a background with the HunterLab color 15.1729, 11.8996, 3.3443.

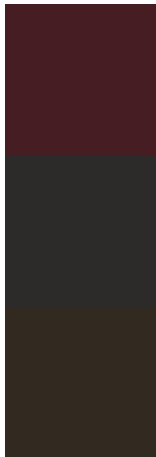


This preview shows how white text looks on a background with the HunterLab color 15.1729, 11.8996,

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

15.1729, 11.8996, 3.3443

Protanopia

15.5897, -0.7126, 1.2631

Deuteranopia

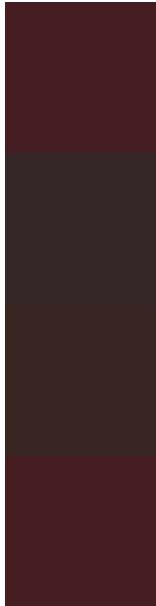
15.4071, 0.6441, 3.9681



Tritanopia

15.2805, 11.2334, 4.3102

Trichromacy



Original Color

15.1729, 11.8996, 3.3443

Protanomaly

15.1314, 3.3363, 1.8612

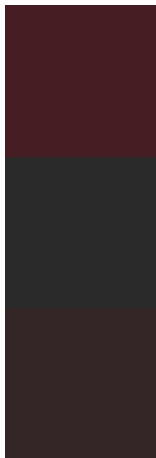
Deuteranomaly

15.1937, 4.3988, 3.5337

Tritanomaly

15.2985, 11.3180, 4.0487

Monochromacy



Original Color

15.1729, 11.8996, 3.3443

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

14.8313, 3.4589, 1.5263

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.1729, 11.8996, 3.3443 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(70, 29, 35)` looks like.

```
.text, #text, p{  
    color:rgb(70, 29, 35)  
}
```

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(70, 29, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 29, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 15.1729, 11.8996, 3.3443 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(70, 29, 35) }
```


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

```
.border{ border-color:rgb(70, 29, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 29, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 29, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 29, 35);  
box-shadow:4px 4px 4px 4px rgb(70, 29, 35)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.1729, 11.8996, 3.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 29, 35) }
```

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

```
.background{ background-color: rgb(70, 29,  
35) }
```

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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