

Converting Colors

HunterLab(15.5252, 12.8349,
-1.7299)

Have a look what the booklet for
HunterLab(15.5252, 12.8349,
-1.7299) contains.

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Color

**HunterLab(15.5693, 12.8145,
-1.6733)**

Conversions

Conversions Part 1

Format	Color
Hex	451E32
RGB	69, 30, 50
RGB Percent	27%, 12%, 20%
CMY	0.7294, 0.8823, 0.8039
CMYK	0.00, 0.57, 0.28, 0.73
HSL	329°, 39%, 19%
HSV	329°, 57%, 27%
XYZ	3.4942, 2.4240, 3.3013
YIQ	43.9410, 16.8240, 14.4880

Conversions

Conversions Part 2

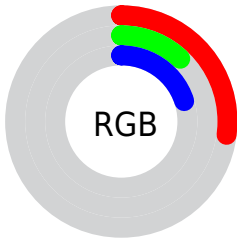
Format	Color
R_{YB}	69, 30, 50
Decimal	4529714
CIE Lab	17.57, 21.55, -4.48
CIE LCh	18, 22.010, 348.250
Yxy	2.4241, 0.3790, 0.2629
Android (android.graphics.Color)	4282719794 (0xFF451E32)
YUV	43.9410, 2.9871, 21.9767
Hunter-Lab	15.5693, 12.8145, -1.6733

Details

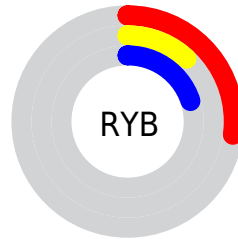
The HunterLab color **15.5693, 12.8145, -1.6733** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **21.8038, -11.8119, 5.3266**, and the grayscale version is **15.8380, -0.8451, 0.8605**.

A 20% lighter version of the original color is **31.5204, 14.5141, -1.1390**, and **4.2936, 7.4040, 2.3788** is the 20% darker color. If you saturate the color by 10%, you get **14.4374, 15.1451, -1.7263**, and if you desaturate by 10%, it is **16.8601, 10.3417, -1.4282**.

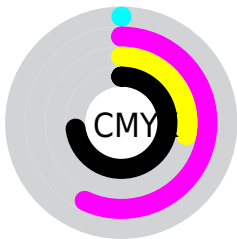
Distribution



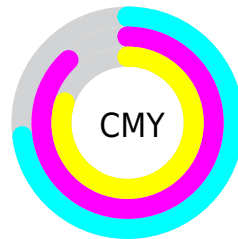
- Red (27%)
- Green (12%)
- Blue (20%)



- Red (27%)
- Yellow (12%)
- Blue (20%)



- Cyan (0%)
- Magenta (57%)
- Yellow (28%)
- Black (73%)



- Cyan (73%)
- Magenta (88%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.5693, 12.8145, -1.6733 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 15.5693, 12.8145, -1.6733 by changing the saturation by 10% instead.

■ 15.5693, 12.8145,
-1.6733

■ 15.5693, 12.8145,
-1.6733

■ 109.9495, 17.6960,
1.4103

■ 9.1557, 11.6662,
-1.6888

■ 31.3849, 14.6651,
-1.3866

0.0000, INF, -NF

0.0000, NaN, NaN

■ 40.5707, 15.3824,
-1.1379

0.0000, NaN, NaN

■ 50.5106, 15.9855,
-0.8307

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.1511, 16.4886,
-0.4711

0.0000, NaN, NaN


■ 72.4490, 16.9030,
-0.0639


0.0000, NaN, NaN


■ 84.3678, 17.2377,


0.0000, NaN, NaN


0.3874


 96.8769, 17.5000,
0.8796


 15.5693, 12.8145,
-1.6733


 15.5693, 12.8145,
-1.6733

 14.4374, 15.1451,
-1.7263


 16.8601, 10.3417,
-1.4282


 13.4843, 17.2231,
-1.5562


 18.2880, 7.8110,
-1.0268

 12.7270, 18.9168,
-1.1432

 19.8345, 5.2741,
-0.5000

 12.0338, 20.5814,
-0.6678

 21.4831, 2.7611,
0.1262

 11.7849, 21.2311,
-0.5171

 23.2203, 0.2871,
0.8312

■ 25.0347, -2.1422,
1.5991

■ 26.9168, -4.5268,
2.4177

■ 28.8590, -6.8694,
3.2780

■ 30.8548, -9.1743,
4.1730

Harmonies

Analogous

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



15.5697, 9.2199, -8.8838



15.5693, 12.8145, -1.6733



15.5697, 12.3485, 4.0276

Triad

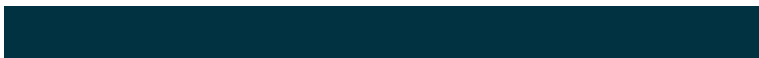
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.5697, 12.8137, -1.6729



15.5697, -4.4293, 8.3978



15.5697, -8.0722, -10.3630

Complementary

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



15.5693, 12.8145, -1.6733



21.8038, -11.8119, 5.3266

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.



15.5697, -10.7047, -3.1878



15.5693, 12.8145, -1.6733



15.5697, -8.8422, 6.7125

Square

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



15.5697, 12.8137, -1.6729



15.5697, 1.6998, 8.5698



15.5697, -10.9623, 3.0063



15.5697, -3.2109, -15.0760

Rectangle

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



15.5693, 12.8145, -1.6733



15.5697, 9.8097, 6.4061



15.5697, -10.9623, 3.0063



15.5697, -9.2116, -8.0532

Sweetspot

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



15.5697, 12.8137, -1.6729



27.6608, 3.9638, 0.0640



14.1690, 10.4528, -14.6458



14.3087, 2.1905, -0.0002



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.



15.5697, 12.8137, -1.6729



18.2111, 20.8612, -2.1880



15.1359, 10.7941, 4.5314



12.3491, 0.4368, 0.3654



17.0794, 30.6483, 0.1894



41.9435, 74.8568, 3.6358

Inverse Universe

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



15.5697, 12.8137, -1.6729



18.2111, 20.8612, -2.1880



22.2574, -9.1353, -1.1627



12.3491, 0.4368, 0.3654



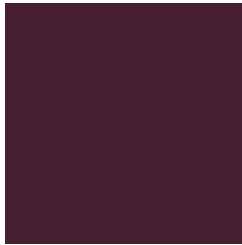
17.0794, 30.6483, 0.1894



41.9435, 74.8568, 3.6358

Previews

White Background



This preview shows how the HunterLab color 15.5693, 12.8145, -1.6733 looks on a white background.

Color Contrast Check

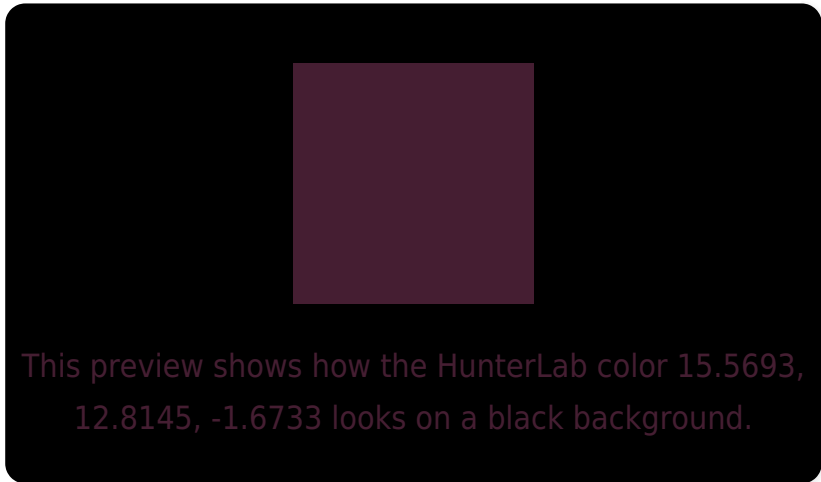
Large Text (above 18pt) WCAG AA ✓ Pass

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

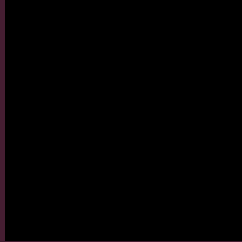
Any Text WCAG AA × Fail

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 15.5693, 12.8145, -1.6733 Background



This preview shows how black text looks on a background with the HunterLab color 15.5693, 12.8145, -1.6733.



This preview shows how white text looks on a background with the HunterLab color 15.5693, 12.8145, -1.6733.

-1.6733.

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

15.5693, 12.8145, -1.6733

Protanopia

15.7317, 0.7224, -5.8878

Deuteranopia

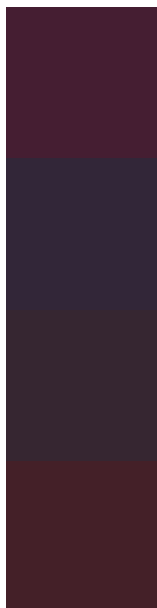
15.8808, 0.5794, -0.6440



Tritanopia

15.6141, 9.6134, 3.7517

Trichromacy



Original Color

15.5693, 12.8145, -1.6733

Protanomaly

15.3293, 4.8735, -4.9397

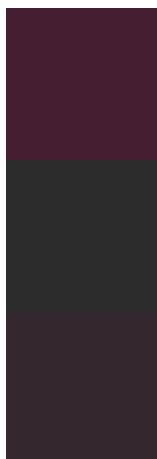
Deuteranomaly

15.4669, 4.8872, -1.5225

Tritanomaly

15.5408, 10.5165, 2.1015

Monochromacy



Original Color

15.5693, 12.8145, -1.6733

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

15.5086, 3.7849, -0.2590

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.5693, 12.8145, -1.6733 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(69, 30, 50)` looks like.

```
.text, #text, p{  
    color:rgb(69, 30, 50)  
}
```

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(69, 30, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 30, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 15.5693, 12.8145, -1.6733 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(69, 30, 50) }
```


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

```
.border{ border-color:rgb(69, 30, 50) }
```

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

Here you see how a box with a 4 pixel rgb(69, 30, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 30, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 30, 50);  
box-shadow:4px 4px 4px 4px rgb(69, 30, 50)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.5693, 12.8145, -1.6733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 30, 50) }
```

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

```
.background{ background-color: rgb(69, 30,  
50) }
```

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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