

Converting Colors

HunterLab(15.1734, 12.3015,
5.2017)

Have a look what the booklet for
HunterLab(15.1734, 12.3015,
5.2017) contains.

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Color

**HunterLab(15.1396, 12.3824,
5.2433)**

Conversions

Conversions Part 1

Format	Color
Hex	481C1C
RGB	72, 28, 28
RGB Percent	28%, 11%, 11%
CMY	0.7176, 0.8902, 0.8902
CMYK	0.00, 0.61, 0.61, 0.72
HSL	0°, 44%, 20%
HSV	0°, 61%, 28%
XYZ	3.2974, 2.2921, 1.3672
YIQ	41.1560, 26.2240, 9.3280

Conversions

Conversions Part 2

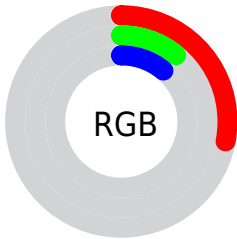
Format	Color
RYB	72, 28, 28
Decimal	4725788
CIELab	16.95, 21.04, 10.33
CIELCh	17, 23.438, 26.141
Yxy	2.2922, 0.4740, 0.3295
Android (android.graphics.Color)	4282915868 (0xFF481C1C)
YUV	41.1560, -6.4859, 27.0502
Hunter-Lab	15.1396, 12.3824, 5.2433




Details

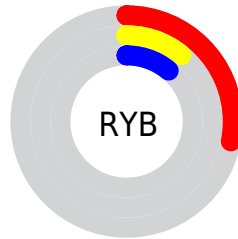
The HunterLab color **15.1396, 12.3824, 5.2433** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **23.1283, -9.8671, -1.6379**, and the grayscale version is **14.9564, -0.7980, 0.8126**.




A 20% lighter version of the original color is **30.7099, 14.1952, 7.6628**, and **3.5861, 6.1412, 2.3172** is the 20% darker color. If you saturate the color by 10%, you get **14.0009, 14.6456, 5.9202**, and if you desaturate by 10%, it is **16.4750, 10.0198, 4.5485**.

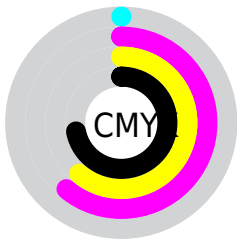
Distribution







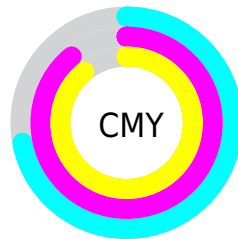
-  Red (28%)
-  Green (11%)
-  Blue (11%)






-  Red (28%)
-  Yellow (11%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (61%)
-  Yellow (61%)
-  Black (72%)



-  Cyan (72%)
-  Magenta (89%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.1396, 12.3824, 5.2433 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 15.1396, 12.3824, 5.2433 by changing the saturation by 10% instead.

■ 15.1396, 12.3824,
5.2433

■ 15.1396, 12.3824,
5.2433

109.1224, 17.1093,
15.7411

■ 8.7725, 11.3628,
5.3568

■ 30.8412, 14.1985,
7.6993

0.0000, INF, NaN

0.0000, NaN, NaN

■ 39.9781, 14.8980,
8.8638

0.0000, NaN, NaN

■ 49.8729, 15.4833,
10.0113

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.4713, 15.9688,
11.1516

0.0000, NaN, NaN


■ 71.7295, 16.3660,
12.2911


0.0000, NaN, NaN


■ 83.6108, 16.6837,


0.0000, NaN, NaN


13.4340


 96.0840, 16.9294,
14.5833


 15.1396, 12.3824,
5.2433


 15.1396, 12.3824,
5.2433


 14.0009, 14.6456,
5.9202


 16.4750, 10.0198,
4.5485

 13.0838, 16.6786,
6.5353


 17.9787, 7.6541,
3.8641

 12.3724, 18.4137,
7.0654

 19.6262, 5.3382,
3.2068

 11.7380, 20.0998,
7.5848

 21.3957, 3.0980,
2.5837

 23.2697, 0.9416,
1.9962

■ 25.2334, -1.1327,
1.4426

■ 27.2752, -3.1317,
0.9199

■ 29.3854, -5.0639,
0.4246

■ 31.5563, -6.9381,
-0.0470

Harmonies

Analogous

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



15.1400, 14.0821, -0.0128



15.1396, 12.3824, 5.2433



15.1400, 6.9475, 7.9248

Triad

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



15.1400, 12.3813, 5.2436



15.1400, -9.9873, 6.1333



15.1400, -1.6550, -16.8942

Complementary

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



15.1396, 12.3824, 5.2433



23.1283, -9.8671, -1.6379

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.



15.1400, -7.2620, -13.0551



15.1396, 12.3824, 5.2433



15.1400, -11.5217, 1.6159

Square

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



15.1400, 12.3813, 5.2436



15.1400, -6.0136, 8.3567



15.1400, -10.6165, -5.5327



15.1400, 5.2110, -14.5531

Rectangle

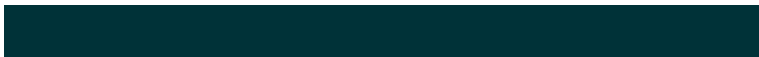
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15.1396, 12.3824, 5.2433



15.1400, 2.3593, 8.8262



15.1400, -10.6165, -5.5327



15.1400, -3.7358, -16.2522

Sweetspot

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



15.1400, 12.3813, 5.2436



28.8074, 3.3981, 3.2195



16.3589, 17.8272, -11.8280



14.6660, 2.0019, 1.7302



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



15.1400, 12.3813, 5.2436



17.8504, 20.6671, 8.2164



19.3463, 3.2598, 8.6112



12.3075, 0.2117, 0.9598



16.3651, 28.0240, 10.5747



40.4018, 69.1876, 26.1066

Inverse Universe

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



23.1283, -9.8671, -1.6379



30.1568, -14.4048, -2.6518



17.3089, -1.5266, -10.3618



12.9552, -1.5163, 0.4273



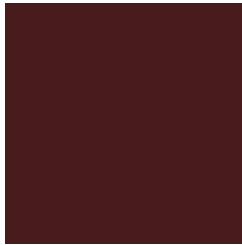
31.4923, -16.6947, -3.3237



77.7480, -41.2155, -8.2059

Previews

White Background



This preview shows how the HunterLab color 15.1396, 12.3824, 5.2433 looks on a white background.

Color Contrast Check

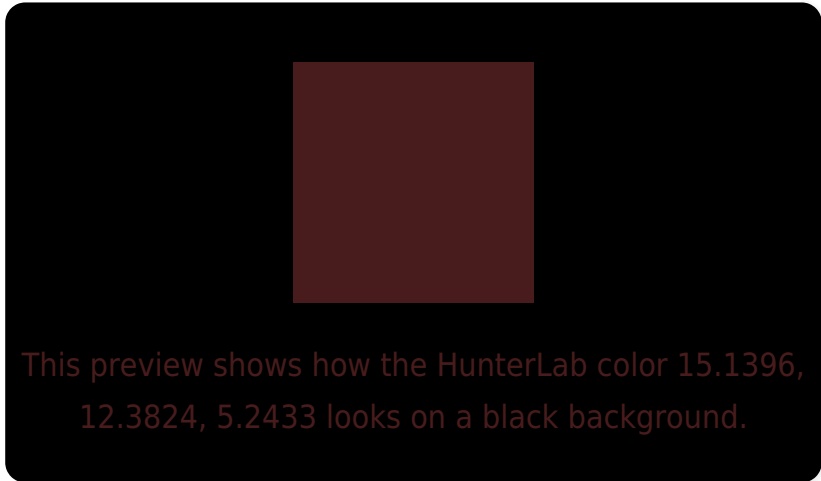
Large Text (above 18pt) WCAG AA ✓ Pass

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

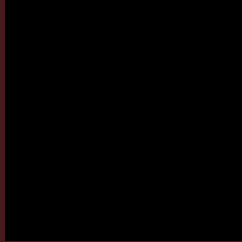
Any Text WCAG AA × Fail

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 15.1396, 12.3824, 5.2433 Background



This preview shows how black text looks on a background with the HunterLab color 15.1396, 12.3824, 5.2433.



This preview shows how white text looks on a background with the HunterLab color 15.1396, 12.3824,

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

15.1396, 12.3824, 5.2433

Protanopia

15.5695, -1.1148, 3.8113

Deuteranopia

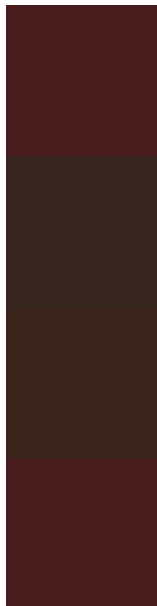
15.4613, 0.5994, 5.7901



Tritanopia

15.1556, 12.4564, 5.0095

Trichromacy



Original Color

15.1396, 12.3824, 5.2433

Protanomaly

15.1748, 3.1970, 4.0675

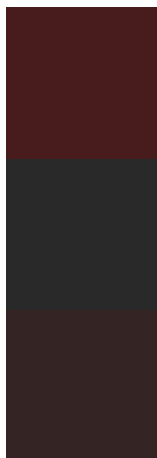
Deuteranomaly

15.0688, 4.8114, 5.2897

Tritanomaly

15.1556, 12.4564, 5.0095

Monochromacy



Original Color

15.1396, 12.3824, 5.2433

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

14.5574, 3.5295, 2.2342

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.1396, 12.3824, 5.2433 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(72, 28, 28)` looks like.

```
.text, #text, p{  
    color:rgb(72, 28, 28)  
}
```

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(72, 28, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 28, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 15.1396, 12.3824, 5.2433 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(72, 28, 28) }
```


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

```
.border{ border-color:rgb(72, 28, 28) }
```

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

Here you see how a box with a 4 pixel rgb(72, 28, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 28, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 28, 28);  
box-shadow:4px 4px 4px 4px rgb(72, 28, 28)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.1396, 12.3824, 5.2433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 28, 28) }
```

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

```
.background{ background-color: rgb(72, 28,  
28) }
```

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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