

Converting Colors

HunterLab(15.5692, -0.4706,
1.5966)

Have a look what the booklet for
HunterLab(15.5692, -0.4706, 1.5966)
contains.

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Color

**HunterLab(15.6389, -0.5876,
1.6730)**

Conversions

Conversions Part 1

Format	Color
Hex	2D2B29
RGB	45, 43, 41
RGB Percent	18%, 17%, 16%
CMY	0.8235, 0.8314, 0.8392
CMYK	0.00, 0.04, 0.09, 0.82
HSL	30°, 5%, 17%
HSV	30°, 9%, 18%
XYZ	2.3463, 2.4458, 2.4463
YIQ	43.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

Format	Color
R_{YB}	45, 45, 41
Decimal	2960169
CIE _{Lab}	17.67, 0.45, 1.62
CIE _{LCh}	18, 1.681, 74.494
Yxy	2.4459, 0.3242, 0.3379
Android (android.graphics.Color)	4281150249 (0xFF2D2B29)
YUV	43.3700, -1.1684, 1.4295
Hunter-Lab	15.6389, -0.5876, 1.6730

Details

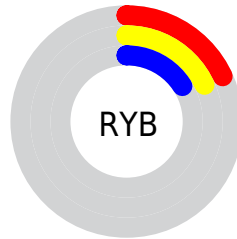
The HunterLab color **15.6389, -0.5876, 1.6730** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.4551, -1.0369, -0.0189**, and the grayscale version is **15.6674, -0.8360, 0.8512**.

A 20% lighter version of the original color is **31.4253, -1.1248, 2.7337**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.0239, -0.2396, 2.5074**, and if you desaturate by 10%, it is **16.2701, -0.8968, 0.7777**.

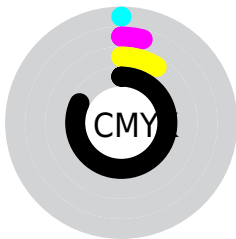
Distribution



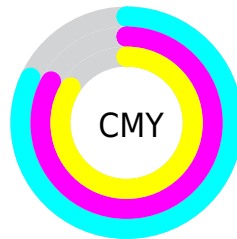
- Red (18%)
- Green (17%)
- Blue (16%)



- Red (18%)
- Yellow (18%)
- Blue (16%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (82%)



- Cyan (82%)
- Magenta (83%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.6389, -0.5876, 1.6730 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 15.6389, -0.5876, 1.6730 by changing the saturation by 10% instead.

■ 15.6389, -0.5876,
1.6730

■ 15.6389, -0.5876,
1.6730

■ 110.0829, -5.4068,
7.5999

■ 9.2159, -0.2797,
1.2304

■ 31.4727, -1.3691,
2.7618

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.6664, -1.8325,
3.3589

0.0000, NaN, NaN

■ 50.6135, -2.3381,
3.9895

0.0000, NaN, NaN

■ 61.2608, -2.8829,
4.6522

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.5650, -3.4641,
5.3457

0.0000, NaN, NaN

■ 84.4899, -4.0797,

0.0000, NaN, NaN

6.0689

97.0048, -4.7277,
6.8206

15.6389, -0.5876,
1.6730

15.6389, -0.5876,
1.6730

15.0239, -0.2396,
2.5074

16.2701, -0.8968,
0.7777

14.4251, 0.1510,
3.2746

16.9156, -1.1685,
-0.1743

13.8442, 0.5863,
3.9691

17.5747, -1.4055,
-1.1783

13.2822, 1.0683,
4.5845

18.2466, -1.6103,
-2.2299

12.7406, 1.5990,
5.1146

18.9306, -1.7849,
-3.3257

■ 12.2207, 2.1796,
5.5528

■ 19.6260, -1.9317,
-4.4621

■ 11.7241, 2.8102,
5.8938

■ 20.3321, -2.0524,
-5.6363

■ 11.2453, 3.4553,
6.2327

■ 21.0485, -2.1490,
-6.8456

■ 10.7813, 4.0903,
6.6360

■ 21.7745, -2.2231,
-8.0874

Harmonies

Analogous

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



15.6392, -0.1720, 1.4537



15.6389, -0.5876, 1.6730



15.6392, -1.0654, 1.6770

Triad

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



15.6392, -0.5880, 1.6732



15.6392, -1.7182, 0.6301



15.6392, -0.1837, 0.2125

Complementary

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



15.6389, -0.5876, 1.6730



15.4551, -1.0369, -0.0189

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.



15.6392, -0.6038, -0.0221



15.6389, -0.5876, 1.6730



15.6392, -1.4877, 0.2239

Square

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



15.6392, -0.5880, 1.6732



15.6392, -1.7141, 1.0840



15.6392, -1.0811, -0.0179



15.6392, 0.0633, 0.6149

Rectangle

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



15.6389, -0.5876, 1.6730



15.6392, -1.3541, 1.5572



15.6392, -1.0811, -0.0179



15.6392, -0.3096, 0.1109

Sweetspot

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



15.6392, -0.5880, 1.6732



20.5341, -0.9872, 1.5003



15.2258, 0.4506, 0.4899



11.4178, -0.5406, 0.8627



58.5142, -3.1222, 3.1792



11.5809, -0.6179, 0.6292

Same Dimension

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



15.6392, -0.5880, 1.6732



19.8542, -0.6367, 2.4509



16.1083, -1.3637, 2.1803



8.9485, -0.3494, 0.9176



19.4082, 9.9980, 12.1343



49.8739, 31.0570, 31.2758

Inverse Universe

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



15.4551, -1.0369, -0.0189



19.5453, -1.3895, -0.3882



14.9894, -0.2580, -0.5882



8.8522, -0.5841, 0.0328



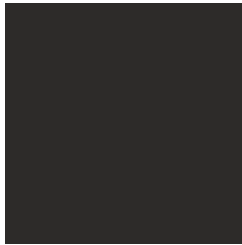
15.6041, 2.2507, -24.3624



39.2300, 10.6351, -71.9921

Previews

White Background



This preview shows how the HunterLab color 15.6389, -0.5876, 1.6730 looks on a white background.

Color Contrast Check

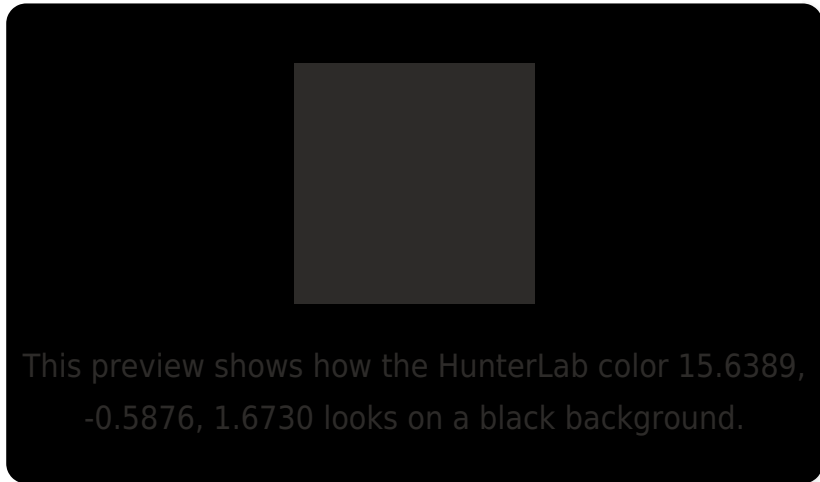
Large Text (above 18pt) WCAG AA ✓ Pass

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

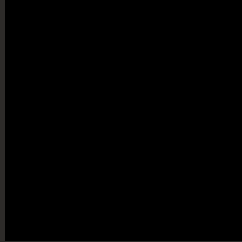
Any Text WCAG AA × Fail

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 15.6389, -0.5876, 1.6730 Background



This preview shows how black text looks on a background with the HunterLab color 15.6389, -0.5876, 1.6730.

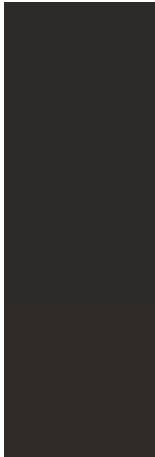


This preview shows how white text looks on a background with the HunterLab color 15.6389, -0.5876,

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

15.6389, -0.5876, 1.6730

Protanopia

15.6389, -0.5876, 1.6730

Deuteranopia

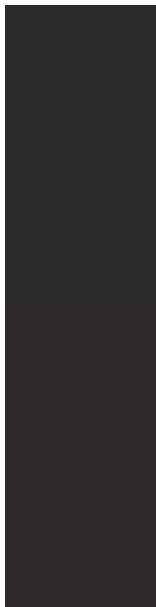
15.6346, 0.5783, 1.6887



Tritanopia

15.6014, 0.7038, -0.1971

Trichromacy



Original Color

15.6389, -0.5876, 1.6730

Protanomaly

15.6389, -0.5876, 1.6730

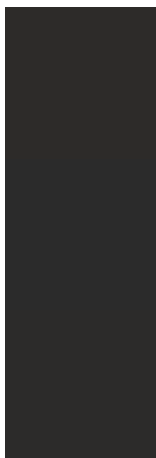
Deuteranomaly

15.5575, 0.3165, 1.5972

Tritanomaly

15.5519, 0.4374, 0.5062

Monochromacy



Original Color

15.6389, -0.5876, 1.6730

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.5897, -0.7126, 1.2631

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.6389, -0.5876, 1.6730 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(45, 43, 41)` looks like.

```
.text, #text, p{  
    color:rgb(45, 43, 41)  
}
```

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(45, 43, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 43, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 15.6389, -0.5876, 1.6730 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(45, 43, 41) }
```


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

```
.border{ border-color:rgb(45, 43, 41) }
```

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

Here you see how a box with a 4 pixel rgb(45, 43, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 43, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 43, 41);  
box-shadow:4px 4px 4px 4px rgb(45, 43, 41)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.6389, -0.5876, 1.6730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 43, 41) }
```

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

```
.background{ background-color: rgb(45, 43,  
41) }
```

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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