

Converting Colors

HunterLab(15.0261, -0.5881,
4.6295)

Have a look what the booklet for
HunterLab(15.0261, -0.5881, 4.6295)
contains.

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Color

**HunterLab(15.0961, -0.5586,
4.7270)**

Conversions

Conversions Part 1

Format	Color
Hex	2F291D
RGB	47, 41, 29
RGB Percent	18%, 16%, 11%
CMY	0.8157, 0.8392, 0.8863
CMYK	0.00, 0.13, 0.38, 0.82
HSL	40°, 24%, 15%
HSV	40°, 38%, 18%
XYZ	2.1870, 2.2789, 1.4870
YIQ	41.4260, 7.4280, -2.4600

Conversions

Conversions Part 2

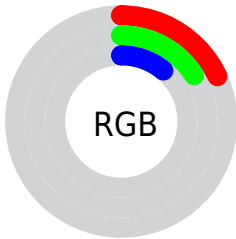
Format	Color
RYB	38, 47, 29
Decimal	3090717
CIELab	16.89, 0.45, 8.90
CIElCh	17, 8.909, 87.075
Yxy	2.2790, 0.3674, 0.3828
Android (android.graphics.Color)	4281280797 (0xFF2F291D)
YUV	41.4260, -6.1260, 4.8884
Hunter-Lab	15.0961, -0.5586, 4.7270

Details

The HunterLab color **15.0961, -0.5586, 4.7270** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12.9169, -0.2065, -4.3885**, and the grayscale version is **15.0472, -0.8029, 0.8175**.

A 20% lighter version of the original color is **30.7632, -1.3556, 6.7840**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **14.6674, -0.3523, 5.4720**, and if you desaturate by 10%, it is **15.5390, -0.7156, 3.8742**.

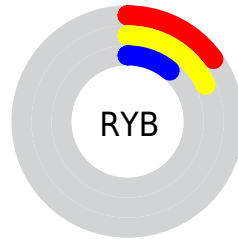
Distribution



Red (18%)

Green (16%)

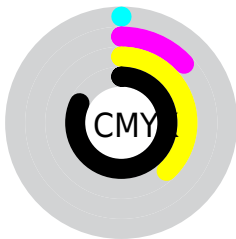
Blue (11%)



Red (15%)

Yellow (18%)

Blue (11%)

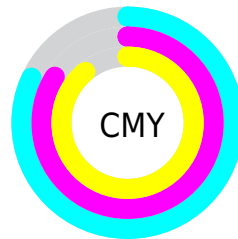


Cyan (0%)

Magenta (13%)

Yellow (38%)

Black (82%)



Cyan (82%)

Magenta (84%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.0961, -0.5586, 4.7270 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 15.0961, -0.5586, 4.7270 by changing the saturation by 10% instead.

■ 15.0961, -0.5586,
4.7270

■ 15.0961, -0.5586,
4.7270

■ 109.0382, -5.3471,
14.4360

■ 8.7326, -0.2396,
4.6988

■ 30.7859, -1.3312,
6.9442

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 39.9179, -1.7907,
8.0104

0.0000, NaN, NaN

■ 49.8081, -2.2929,
9.0687

0.0000, NaN, NaN

■ 60.4022, -2.8344,
10.1269

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.6563, -3.4126,
11.1900

0.0000, NaN, NaN

■ 83.5337, -4.0253,

0.0000, NaN, NaN

12.2611

■ 96.0033, -4.6707,
13.3426

■ 15.0961, -0.5586,
4.7270

■ 15.0961, -0.5586,
4.7270

■ 14.6674, -0.3523,
5.4720

■ 15.5390, -0.7156,
3.8742

■ 14.2523, -0.0940,
6.1043

■ 15.9945, -0.8232,
2.9176

■ 13.8517, 0.2166,
6.6205

■ 16.4626, -0.8838,
1.8625

■ 13.4659, 0.5797,
7.0180

■ 16.9426, -0.8991,
0.7140

■ 13.0903, 0.9688,
7.3677

■ 17.4341, -0.8712,
-0.5231

■ 12.7196, 1.3529,
7.7543

■ 17.9367, -0.8021,
-1.8437

■ 12.6570, 1.4178,
7.8240

■ 18.4498, -0.6937,
-3.2432

■ 18.9731, -0.5480,
-4.7169

■ 19.5060, -0.3670,
-6.2606

Harmonies

Analogous

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



15.0964, 1.9091, 4.1914



15.0961, -0.5586, 4.7270



15.0964, -2.9420, 4.3664

Triad

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



15.0964, -0.5591, 4.7272



15.0964, -4.8699, -1.4222



15.0964, 3.4646, -1.8944

Complementary

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



15.0961, -0.5586, 4.7270



12.9169, -0.2065, -4.3885

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.



15.0964, 1.4551, -3.8674



15.0961, -0.5586, 4.7270



15.0964, -3.3424, -3.5649

Square

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



15.0964, -0.5591, 4.7272



15.0964, -5.3326, 1.0543



15.0964, -1.0519, -4.5234



15.0964, 4.3254, 0.5854

Rectangle

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



15.0961, -0.5586, 4.7270



15.0964, -4.1821, 3.6274



15.0964, -1.0519, -4.5234



15.0964, 2.8949, -2.6534

Sweetspot

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



15.0964, -0.5591, 4.7272



20.9587, -1.1167, 2.8584



12.6667, 4.8203, 0.4464



11.2016, -0.5969, 1.5242



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.



15.0964, -0.5591, 4.7272



18.8370, -0.4440, 7.0596



16.3009, -3.5929, 5.7536



9.0297, -0.4849, 1.0066



22.4019, 3.8707, 13.8717



58.2375, 13.2834, 36.1182

Inverse Universe

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



12.9169, -0.2065, -4.3885



15.3290, 0.1865, -7.7365



11.7944, 2.7899, -6.2026



8.7706, -0.4489, -0.0655



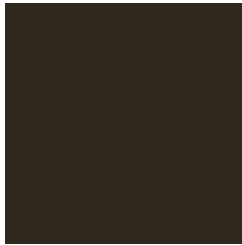
12.4769, 8.8500, -34.6997



30.6932, 30.2697, -103.7073

Previews

White Background



This preview shows how the HunterLab color 15.0961, -0.5586, 4.7270 looks on a white background.

Color Contrast Check

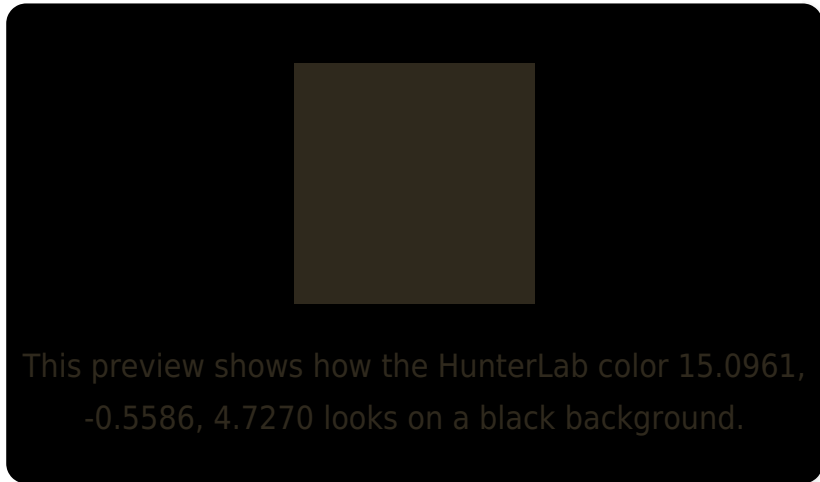
Large Text (above 18pt) WCAG AA ✓ Pass

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

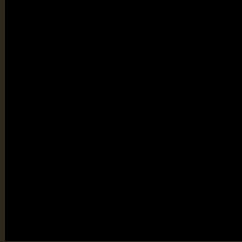
Any Text WCAG AA × Fail

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 15.0961, -0.5586, 4.7270 Background



This preview shows how black text looks on a background with the HunterLab color 15.0961, -0.5586, 4.7270.

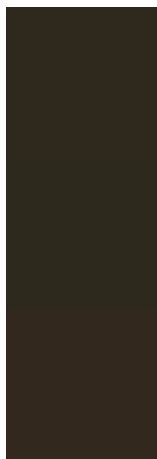


This preview shows how white text looks on a background with the HunterLab color 15.0961, -0.5586,

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

15.0961, -0.5586, 4.7270

Protanopia

15.1741, -1.4758, 4.7825

Deuteranopia

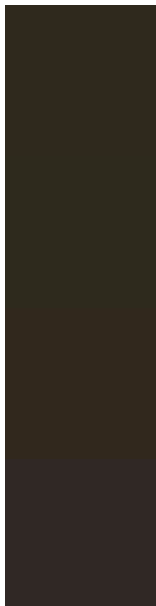
15.1142, 0.6654, 4.7651



Tritanopia

14.9886, 1.9034, 0.6044

Trichromacy



Original Color

15.0961, -0.5586, 4.7270

Protanomaly

15.2495, -1.2107, 4.8561

Deuteranomaly

15.0308, 0.3827, 4.6835

Tritanomaly

15.0981, 0.9081, 2.4460

Monochromacy



Original Color

15.0961, -0.5586, 4.7270

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

14.9434, -0.7899, 2.2498

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.0961, -0.5586, 4.7270 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(47, 41, 29)` looks like.

```
.text, #text, p{  
    color:rgb(47, 41, 29)  
}
```

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(47, 41, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 41, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 15.0961, -0.5586, 4.7270 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(47, 41, 29) }
```


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

```
.border{ border-color:rgb(47, 41, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 41, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 41, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 41, 29);  
box-shadow:4px 4px 4px 4px rgb(47, 41, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.0961, -0.5586, 4.7270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 41, 29) }
```

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

```
.background{ background-color: rgb(47, 41,  
29) }
```

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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