

Converting Colors

HunterLab(15.8063, 0.3246,
4.4467)

Have a look what the booklet for
HunterLab(15.8063, 0.3246, 4.4467)
contains.

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Color

**HunterLab(15.7148, 0.5293,
4.2641)**

Conversions

Conversions Part 1	
Format	Color
Hex	332A21
RGB	51, 42, 33
RGB Percent	20%, 16%, 13%
CMY	0.8000, 0.8353, 0.8706
CMYK	0.00, 0.18, 0.35, 0.80
HSL	30°, 21%, 16%
HSV	30°, 35%, 20%
XYZ	2.4677, 2.4695, 1.7854
YIQ	43.6650, 8.2530, -0.8910

Conversions

Conversions Part 2

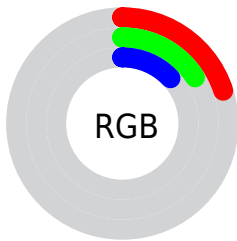
Format	Color
RYB	51, 51, 33
Decimal	3353121
CIELab	17.78, 2.45, 7.43
CIELCh	18, 7.824, 71.760
Yxy	2.4697, 0.3671, 0.3673
Android (android.graphics.Color)	4281543201 (0xFF332A21)
YUV	43.6650, -5.2578, 6.4328
Hunter-Lab	15.7148, 0.5293, 4.2641

Details

The HunterLab color **15.7148, 0.5293, 4.2641** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14.8936, -1.4626, -3.3163**, and the grayscale version is **15.7756, -0.8417, 0.8571**.

A 20% lighter version of the original color is **31.5418, 0.1751, 6.2411**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.0601, 1.0727, 4.9982**, and if you desaturate by 10%, it is **16.3924, 0.0398, 3.4385**.

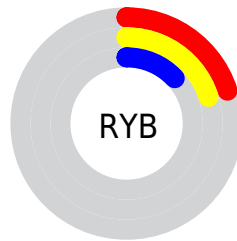
Distribution



Red (20%)

Green (16%)

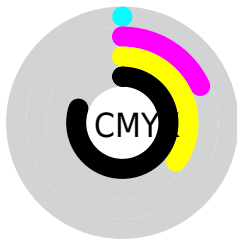
Blue (13%)



Red (20%)

Yellow (20%)

Blue (13%)

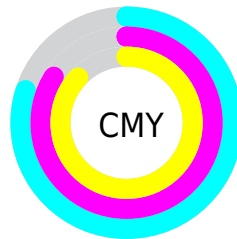


Cyan (0%)

Magenta (18%)

Yellow (35%)

Black (80%)



Cyan (80%)

Magenta (84%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.7148, 0.5293, 4.2641 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 15.7148, 0.5293, 4.2641 by changing the saturation by 10% instead.

15.7148, 0.5293,
4.2641

15.7148, 0.5293,
4.2641

110.2283, -3.3003,
13.1777

9.2811, 0.6644,
3.8242

31.5685, 0.0294,
6.2360

0.0000, NaN, NaN

0.0000, NaN, NaN

40.7707, -0.3125,
7.2027

0.0000, NaN, NaN

50.7258, -0.7057,
8.1714

0.0000, NaN, NaN

0.0000, NaN, NaN

61.3805, -1.1453,
9.1475

0.0000, NaN, NaN


72.6916, -1.6273,
10.1343


0.0000, NaN, NaN


84.6231, -2.1488,


0.0000, NaN, NaN


11.1340


 97.1442, -2.7071,
12.1481


 15.7148, 0.5293,
4.2641


 15.7148, 0.5293,
4.2641


 15.0601, 1.0727,
4.9982


 16.3924, 0.0398,
3.4385


 14.4289, 1.6741,
5.6324


 17.0904, -0.3969,
2.5282


 13.8233, 2.3345,
6.1590

 17.8077, -0.7845,
1.5405

 13.2450, 3.0547,
6.5704

 18.5430, -1.1260,
0.4819

 12.6943, 3.8259,
6.8832

 19.2953, -1.4245,
-0.6416

12.1632, 4.5957,
7.2394

20.0634, -1.6829,
-1.8248

11.9198, 4.9537,
7.4316

20.8463, -1.9041,
-3.0628

21.6432, -2.0907,
-4.3513

22.4533, -2.2453,
-5.6863

Harmonies

Analogous

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



15.7152, 2.4971, 3.3422



15.7148, 0.5293, 4.2641



15.7152, -1.7058, 4.3550

Triad

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



15.7152, 0.5288, 4.2643



15.7152, -4.8298, -0.0009



15.7152, 2.1269, -2.5104

Complementary

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



15.7148, 0.5293, 4.2641



14.8936, -1.4626, -3.3163

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.



15.7152, 0.0463, -3.6971



15.7148, 0.5293, 4.2641



15.7152, -3.9188, -2.1186

Square

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



15.7152, 0.5288, 4.2643



15.7152, -4.7168, 2.0822



15.7152, -2.1622, -3.5444



15.7152, 3.4547, -0.4790

Rectangle

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



15.7148, 0.5293, 4.2641



15.7152, -3.0384, 3.9500



15.7152, -2.1622, -3.5444



15.7152, 1.4876, -3.0333

Sweetspot

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



15.7152, 0.5288, 4.2643



22.3637, -0.7044, 2.7959



13.9954, 5.1875, -0.5651



11.8046, -0.3700, 1.4810



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



15.7152, 0.5288, 4.2643



19.4976, 1.3021, 6.3435



17.8362, -2.9554, 6.1558



9.6816, -0.3718, 1.0112



19.9625, 10.3846, 12.4826



50.5186, 31.5318, 31.6814

Inverse Universe

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



14.8936, -1.4626, -3.3163



18.1858, -1.8569, -5.7822



12.8456, 2.0967, -6.5039



9.5734, -0.6364, 0.0154



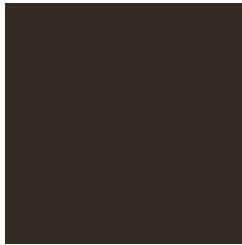
16.0413, 2.3900, -25.2096



39.7463, 10.7982, -72.9897

Previews

White Background



This preview shows how the HunterLab color 15.7148, 0.5293, 4.2641 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



This preview shows how the HunterLab color 15.7148, 0.5293, 4.2641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

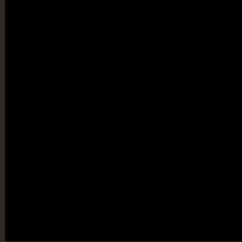
Any Text WCAG AA × Fail

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 15.7148, 0.5293, 4.2641 Background



This preview shows how black text looks on a background with the HunterLab color 15.7148, 0.5293, 4.2641.

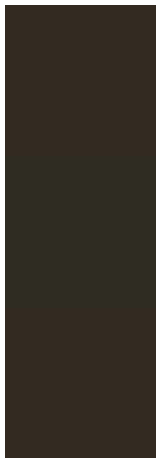


This preview shows how white text looks on a background with the HunterLab color 15.7148, 0.5293,

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

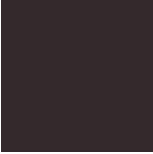
15.7148, 0.5293, 4.2641

Protanopia

15.8783, -1.2372, 4.1115

Deuteranopia

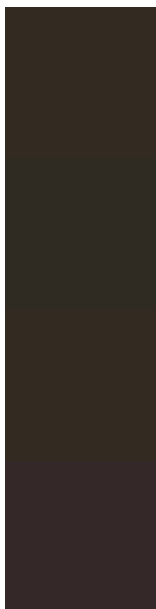
15.7148, 0.5293, 4.2641



Tritanopia

15.8044, 2.4274, 0.8418

Trichromacy



Original Color

15.7148, 0.5293, 4.2641

Protanomaly

15.7214, -0.5862, 3.9698

Deuteranomaly

15.7148, 0.5293, 4.2641

Tritanomaly

15.7135, 1.9469, 2.1421

Monochromacy



Original Color

15.7148, 0.5293, 4.2641

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

15.7648, -0.1969, 2.1608

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.7148, 0.5293, 4.2641 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(51, 42, 33)` looks like.

```
.text, #text, p{  
    color:rgb(51, 42, 33)  
}
```

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(51, 42, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 42, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 15.7148, 0.5293, 4.2641 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(51, 42, 33) }
```


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

```
.border{ border-color:rgb(51, 42, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 42, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 42, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 42, 33);  
box-shadow:4px 4px 4px 4px rgb(51, 42, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.7148, 0.5293, 4.2641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 42, 33) }
```

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

```
.background{ background-color: rgb(51, 42,  
33) }
```

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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