

Converting Colors

HunterLab(15.1685, -0.2502,
7.5316)

Have a look what the booklet for
HunterLab(15.1685, -0.2502, 7.5316)
contains.

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Color

**HunterLab(15.2452, -0.4004,
7.6294)**

Conversions

Conversions Part 1

Format	Color
Hex	33290F
RGB	51, 41, 15
RGB Percent	20%, 16%, 6%
CMY	0.8000, 0.8392, 0.9412
CMYK	0.00, 0.20, 0.71, 0.80
HSL	43°, 55%, 13%
HSV	43°, 71%, 20%
XYZ	2.2444, 2.3242, 0.7822
YIQ	41.0260, 14.3060, -5.9660

Conversions

Conversions Part 2

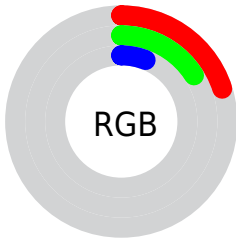
Format	Color
RYB	29, 51, 15
Decimal	3352847
CIELab	17.10, 0.76, 18.30
CIELCh	17, 18.317, 87.635
Yxy	2.3243, 0.4194, 0.4344
Android (android.graphics.Color)	4281542927 (0xFF33290F)
YUV	41.0260, -12.8308, 8.7472
Hunter-Lab	15.2452, -0.4004, 7.6294

Details

The HunterLab color **15.2452, -0.4004, 7.6294** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **10.1774, 2.2217, -11.9355**, and the grayscale version is **14.9367, -0.7970, 0.8115**.

A 20% lighter version of the original color is **31.0060, -1.0829, 11.4322**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **14.8837, -0.0896, 8.0372**, and if you desaturate by 10%, it is **15.6218, -0.6546, 7.0849**.

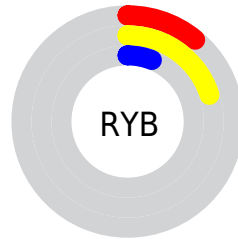
Distribution



Red (20%)

Green (16%)

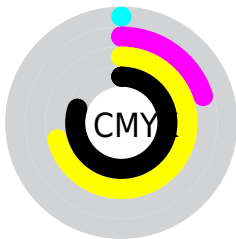
Blue (6%)



Red (11%)

Yellow (20%)

Blue (6%)

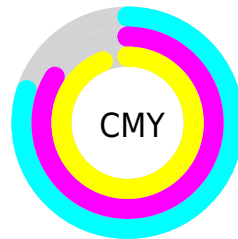


Cyan (0%)

Magenta (20%)

Yellow (71%)

Black (80%)



Cyan (80%)

Magenta (84%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.2452, -0.4004, 7.6294 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 15.2452, -0.4004, 7.6294 by changing the saturation by 10% instead.

15.2452, -0.4004,
7.6294

15.2452, -0.4004,
7.6294

109.3261, -5.0454,
22.6784

8.8685, -0.1023,
6.2080

30.9749, -1.1320,
11.4397

0.0000, NaN, NaN

0.0000, NaN, NaN

40.1239, -1.5739,
13.1797

0.0000, NaN, NaN

50.0298, -2.0598,
14.8480

0.0000, NaN, NaN

60.6387, -2.5861,
16.4664

0.0000, NaN, NaN

0.0000, NaN, NaN

71.9066, -3.1499,
18.0496

0.0000, NaN, NaN

83.7972, -3.7490,

0.0000, NaN, NaN

19.6080

■ 96.2793, -4.3814,
21.1491

■ 15.2452, -0.4004,
7.6294

■ 15.2452, -0.4004,
7.6294

■ 14.8837, -0.0896,
8.0372

■ 15.6218, -0.6546,
7.0849

■ 14.5305, 0.2468,
8.3954

■ 16.0122, -0.8499,
6.4041

■ 14.2011, 0.5596,
8.7604

■ 16.4166, -0.9872,
5.5894

■ 16.8347, -1.0672,
4.6442

■ 17.2661, -1.0912,
3.5725

■ 17.7105, -1.0607,
2.3790

■ 18.1674, -0.9773,
1.0689

■ 18.6365, -0.8431,
-0.3526

■ 19.1174, -0.6599,
-1.8801

Harmonies

Analogous

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



15.2456, 4.8926, 6.8598



15.2452, -0.4004, 7.6294



15.2456, -5.1647, 7.0657

Triad

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



15.2456, -0.4010, 7.6295



15.2456, -8.6732, -4.2517



15.2456, 8.5442, -5.1637

Complementary

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



15.2452, -0.4004, 7.6294



10.1774, 2.2217, -11.9355

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.



15.2456, 4.0863, -10.1772



15.2452, -0.4004, 7.6294



15.2456, -5.7884, -9.5389

Square

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



15.2456, -0.4010, 7.6295



15.2456, -9.5446, 1.2157



15.2456, -1.2232, -11.9974



15.2456, 10.4689, 0.4336

Rectangle

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



15.2452, -0.4004, 7.6294



15.2456, -7.4979, 5.9336



15.2456, -1.2232, -11.9974



15.2456, 7.2654, -7.0354

Sweetspot

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



15.2456, -0.4010, 7.6295



22.1643, -1.4061, 4.8228



10.5666, 10.4579, 1.4698



11.6939, -0.7423, 2.5690



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.



15.2456, -0.4010, 7.6295



18.7817, 0.3011, 10.6769



17.0881, -6.1430, 8.8539



9.8038, -0.5754, 1.1445



24.1978, 1.9391, 14.9445



62.1897, 7.4766, 38.4519

Inverse Universe

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



10.1774, 2.2217, -11.9355



10.8726, 5.2258, -21.5695



8.7206, 7.6059, -15.7868



9.4509, -0.4332, -0.1327



11.8815, 11.6097, -39.9129



28.7218, 37.4787, -116.8055

Previews

White Background



This preview shows how the HunterLab color 15.2452, -0.4004, 7.6294 looks on a white background.

Color Contrast Check

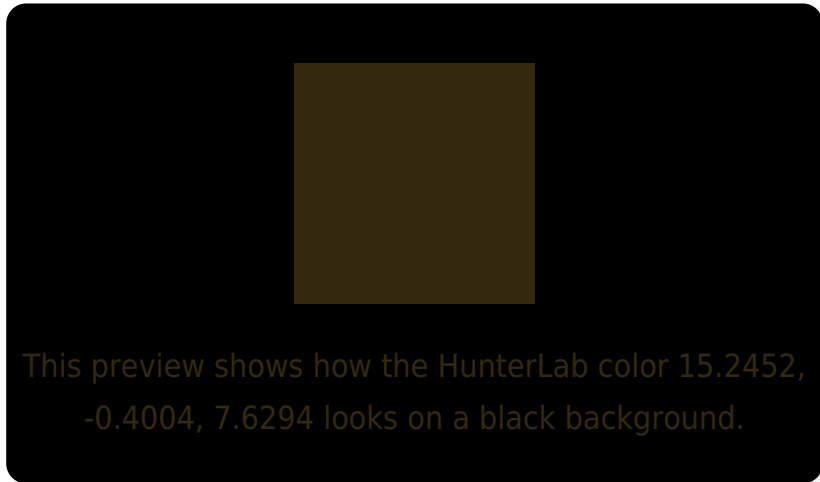
Large Text (above 18pt) WCAG AA ✓ Pass

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

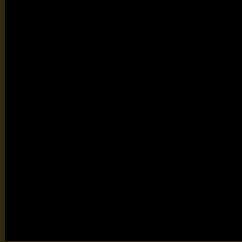
Any Text WCAG AA × Fail

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 15.2452, -0.4004, 7.6294 Background



This preview shows how black text looks on a background with the HunterLab color 15.2452, -0.4004, 7.6294.



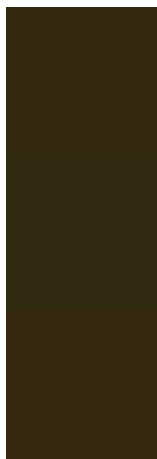
This preview shows how white text looks on a background with the HunterLab color 15.2452, -0.4004,

7.6294.

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

15.2452, -0.4004, 7.6294

Protanopia

15.1485, -1.9240, 7.5319

Deuteranopia

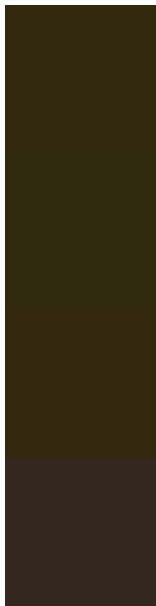
15.1953, 0.5818, 7.6100



Tritanopia

15.1763, 3.5698, 1.2184

Trichromacy



Original Color

15.2452, -0.4004, 7.6294

Protanomaly

15.2276, -1.6437, 7.5947

Deuteranomaly

15.1067, 0.2812, 7.5399

Tritanomaly

15.1175, 1.9108, 3.9894

Monochromacy



Original Color

15.2452, -0.4004, 7.6294

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

14.9935, -0.8111, 3.8211

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.2452, -0.4004, 7.6294 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, 41, 15)` looks like.

```
.text, #text, p{  
    color:rgb(51, 41, 15)  
}
```

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, 41, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 41, 15) }
```

Border

The CSS property to change the border of an element to HunterLab 15.2452, -0.4004, 7.6294 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, 41, 15) }
```


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

```
.border{ border-color:rgb(51, 41, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 41, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 41, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 41, 15);  
box-shadow:4px 4px 4px 4px rgb(51, 41, 15)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.2452, -0.4004, 7.6294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 41, 15) }
```

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

```
.background{ background-color: rgb(51, 41,  
15) }
```

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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