

Converting Colors

HunterLab(15.4545, 1.3791,
1.2892)

Have a look what the booklet for
HunterLab(15.4545, 1.3791, 1.2892)
contains.

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Color

**HunterLab(15.5113, 1.3653,
1.2091)**

Conversions

Conversions Part 1

Format	Color
Hex	31292A
RGB	49, 41, 42
RGB Percent	19%, 16%, 16%
CMY	0.8078, 0.8392, 0.8353
CMYK	0.00, 0.16, 0.14, 0.81
HSL	353°, 9%, 18%
HSV	353°, 16%, 19%
XYZ	2.4775, 2.4060, 2.5243
YIQ	43.5060, 4.4470, 2.0070

Conversions

Conversions Part 2

Format	Color
RYB	49, 41, 42
Decimal	3221802
CIELab	17.49, 3.90, 0.71
CIELCh	17, 3.968, 10.312
Yxy	2.4061, 0.3344, 0.3248
Android (android.graphics.Color)	4281411882 (0xFF31292A)
YUV	43.5060, -0.7425, 4.8182
Hunter-Lab	15.5113, 1.3653, 1.2091

Details

The HunterLab color **15.5113, 1.3653, 1.2091** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.9750, -2.9301, 0.6412**, and the grayscale version is **15.7100, -0.8382, 0.8536**.

A 20% lighter version of the original color is **31.2675, 1.0419, 2.1873**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **14.3491, 2.8265, 1.4147**, and if you desaturate by 10%, it is **16.7296, -0.0566, 1.0413**.

Distribution



Red (19%)

Green (16%)

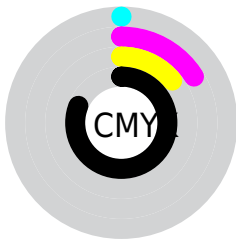
Blue (16%)



Red (19%)

Yellow (16%)

Blue (16%)



Cyan (0%)

Magenta (16%)

Yellow (14%)

Black (81%)



Cyan (81%)

Magenta (84%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.5113, 1.3653, 1.2091 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 15.5113, 1.3653, 1.2091 by changing the saturation by 10% instead.

■ 15.5113, 1.3653,
1.2091

■ 15.5113, 1.3653,
1.2091

109.8381, -1.7365,
6.6861

■ 9.1051, 1.3952,
0.8190

■ 31.3115, 1.0719,
2.1678

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.4908, 0.8192,
2.7096

0.0000, NaN, NaN

■ 50.4246, 0.5087,
3.2891

0.0000, NaN, NaN

■ 61.0595, 0.1466,
3.9043

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.3520, -0.2624,
4.5530

0.0000, NaN, NaN

■ 84.2658, -0.7145,

0.0000, NaN, NaN

5.2339

96.7701, -1.2067,
5.9453

15.5113, 1.3653,
1.2091

15.5113, 1.3653,
1.2091

14.3491, 2.8265,
1.4147

16.7296, -0.0566,
1.0413

13.2502, 4.3259,
1.6620

17.9961, -1.4388,
0.9059

12.2252, 5.8540,
1.9554

19.3054, -2.7849,
0.7989

11.2858, 7.3914,
2.2972

20.6529, -4.0986,
0.7164

10.4456, 8.9037,
2.6859

22.0346, -5.3839,
0.6551

■ 9.7189, 10.3371,
3.1140

■ 23.4473, -6.6446,
0.6123

■ 9.0827, 11.7298,
3.5351

■ 24.8882, -7.8843,
0.5856

■ 8.4198, 13.4260,
3.8673

■ 26.3551, -9.1061,
0.5729

■ 8.1632, 14.1440,
4.0016

■ 27.8460, -10.3128,
0.5726

Harmonies

Analogous

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



15.5116, 1.2681, 0.1326



15.5113, 1.3653, 1.2091



15.5116, 0.8612, 2.1214

Triad

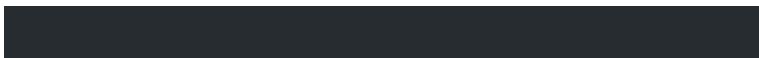
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.5116, 1.3648, 1.2094



15.5116, -2.2076, 2.3374



15.5116, -1.5528, -1.2278

Complementary

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



15.5113, 1.3653, 1.2091



16.9750, -2.9301, 0.6412

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.



15.5116, -2.4488, -0.5515



15.5113, 1.3653, 1.2091



15.5116, -2.8193, 1.5238

Square

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



15.5116, 1.3648, 1.2094



15.5116, -1.2151, 2.7412



15.5116, -2.9063, 0.4702



15.5116, -0.4381, -1.3271

Rectangle

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



15.5113, 1.3653, 1.2091



15.5116, 0.2610, 2.5328



15.5116, -2.9063, 0.4702



15.5116, -1.8887, -1.0583

Sweetspot

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



15.5116, 1.3648, 1.2094



21.7004, -0.2624, 1.3200



15.6029, 2.0182, -1.3920



11.8967, -0.1290, 0.7261



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.



15.5116, 1.3648, 1.2094



19.2421, 2.6460, 1.6760



16.1541, 0.0746, 2.2553



9.4172, 0.1262, 0.6123



14.6994, 25.3399, 8.2065



38.4615, 66.0730, 23.2520

Inverse Universe

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



15.5116, 1.3648, 1.2094



19.2421, 2.6460, 1.6760



16.2863, -1.6651, -0.5719



9.4172, 0.1262, 0.6123



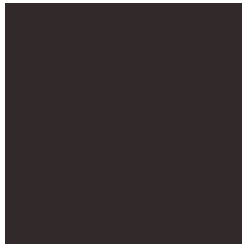
14.6994, 25.3399, 8.2065



38.4615, 66.0730, 23.2520

Previews

White Background



This preview shows how the HunterLab color 15.5113, 1.3653, 1.2091 looks on a white background.

Color Contrast Check

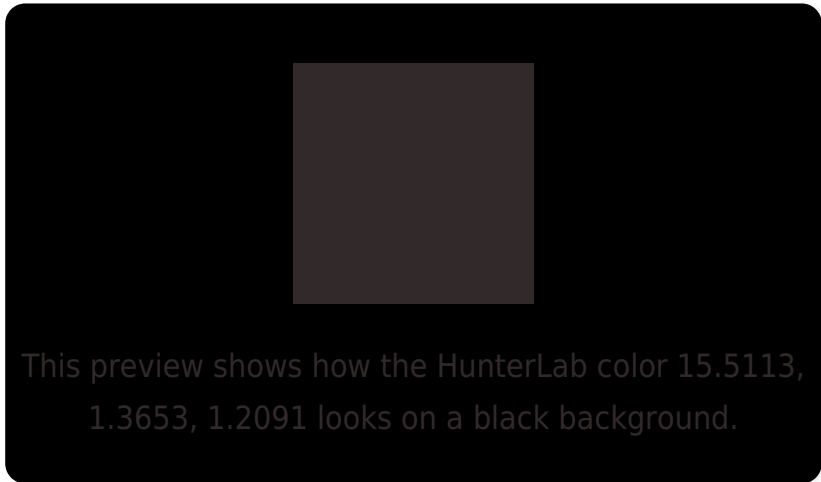
Large Text (above 18pt) WCAG AA ✓ Pass

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

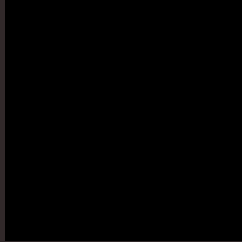
Any Text WCAG AA × Fail

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 15.5113, 1.3653, 1.2091 Background



This preview shows how black text looks on a background with the HunterLab color 15.5113, 1.3653, 1.2091.

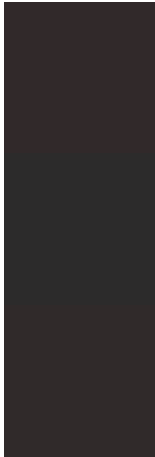


This preview shows how white text looks on a background with the HunterLab color 15.5113, 1.3653,

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

15.5113, 1.3653, 1.2091

Protanopia

15.6130, -0.5856, 0.9312

Deuteranopia

15.6572, 0.7000, 1.3653



Tritanopia

15.5586, 1.6171, 0.5349

Trichromacy



Original Color

15.5113, 1.3653, 1.2091

Protanomaly

15.5280, 0.3082, 0.8470

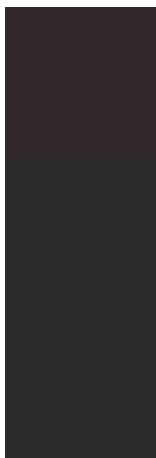
Deuteranomaly

15.6572, 0.7000, 1.3653

Tritanomaly

15.5347, 1.4899, 0.8756

Monochromacy



Original Color

15.5113, 1.3653, 1.2091

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

15.7576, -0.0871, 1.1087

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.5113, 1.3653, 1.2091 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(49, 41, 42)` looks like.

```
.text, #text, p{  
    color:rgb(49, 41, 42)  
}
```

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(49, 41, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 41, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 15.5113, 1.3653, 1.2091 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(49, 41, 42) }
```


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

```
.border{ border-color:rgb(49, 41, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 41, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 41, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 41, 42);  
box-shadow:4px 4px 4px 4px rgb(49, 41, 42)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.5113, 1.3653, 1.2091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 41, 42) }
```

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

```
.background{ background-color: rgb(49, 41,  
42) }
```

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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