

Converting Colors

HunterLab(15.5759, 2.2710,
1.2835)

Have a look what the booklet for
HunterLab(15.5759, 2.2710, 1.2835)
contains.

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Color

**HunterLab(15.4550, 2.3126,
1.1604)**

Conversions

Conversions Part 1

Format	Color
Hex	33282A
RGB	51, 40, 42
RGB Percent	20%, 16%, 16%
CMY	0.8000, 0.8431, 0.8353
CMYK	0.00, 0.22, 0.18, 0.80
HSL	349°, 12%, 18%
HSV	349°, 22%, 20%
XYZ	2.5420, 2.3886, 2.5176
YIQ	43.5170, 5.9140, 2.9540

Conversions

Conversions Part 2

Format	Color
R_{YB}	51, 40, 42
Decimal	3352618
CIE Lab	17.41, 5.53, 0.62
CIE LCh	17, 5.563, 6.412
Yxy	2.3887, 0.3413, 0.3207
Android (android.graphics.Color)	4281542698 (0xFF33282A)
YUV	43.5170, -0.7479, 6.5626
Hunter-Lab	15.4550, 2.3126, 1.1604

Details

The HunterLab color **15.4550, 2.3126, 1.1604** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.4373, -3.7629, 0.7983**, and the grayscale version is **15.7133, -0.8384, 0.8537**.

A 20% lighter version of the original color is **31.2759, 2.3732, 2.2203**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **14.2791, 3.8943, 1.3134**, and if you desaturate by 10%, it is **16.6943, 0.7674, 1.0567**.

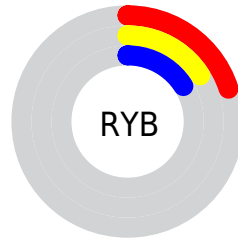
Distribution



Red (20%)

Green (16%)

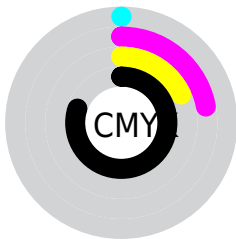
Blue (16%)



Red (20%)

Yellow (16%)

Blue (16%)

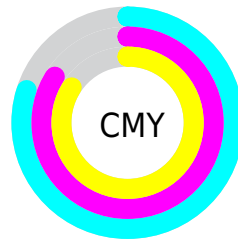


Cyan (0%)

Magenta (22%)

Yellow (18%)

Black (80%)



Cyan (80%)

Magenta (84%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.4550, 2.3126, 1.1604 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 15.4550, 2.3126, 1.1604 by changing the saturation by 10% instead.

■ 15.4550, 2.3126,
1.1604

■ 15.4550, 2.3126,
1.1604

■ 109.7300, 0.0044,
6.5916

■ 9.0557, 2.2180,
0.7773

■ 31.2404, 2.2425,
2.1060

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.4133, 2.0870,
2.6421

0.0000, NaN, NaN

■ 50.3412, 1.8668,
3.2165

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.9706, 1.5894,
3.8267

0.0000, NaN, NaN

■ 72.2579, 1.2604,
4.4710


0.0000, NaN, NaN

■ 84.1668, 0.8843,


0.0000, NaN, NaN

5.1475


 96.6664, 0.4646,
5.8548


 15.4550, 2.3126,
1.1604


 15.4550, 2.3126,
1.1604


 14.2791, 3.8943,
1.3134

 16.6943, 0.7674,
1.0567


 13.1752, 5.5070,
1.5217


 17.9878, -0.7384,
0.9948


 12.1552, 7.1339,
1.7917

 19.3293, -2.2069,
0.9693

 11.2325, 8.7448,
2.1276

 20.7132, -3.6412,
0.9750

 10.4221, 10.2907,
2.5288

 22.1352, -5.0451,
1.0075

■ 9.7378, 11.7044,
2.9861

■ 23.5914, -6.4226,
1.0632

■ 9.0868, 13.2344,
3.3930

■ 25.0786, -7.7772,
1.1390

■ 8.5096, 14.8116,
3.6485

■ 26.5943, -9.1125,
1.2325

■ 28.1362, -10.4314,
1.3413

Harmonies

Analogous

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



15.4553, 2.0595, -0.3609



15.4550, 2.3126, 1.1604



15.4553, 1.6972, 2.4609

Triad

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



15.4553, 2.3121, 1.1607



15.4553, -2.5884, 2.9918



15.4553, -2.0229, -2.0497

Complementary

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



15.4550, 2.3126, 1.1604



17.4373, -3.7629, 0.7983

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.



15.4553, -3.1961, -0.9751



15.4550, 2.3126, 1.1604



15.4553, -3.5133, 1.9540

Square

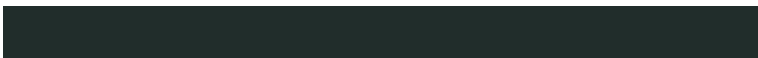
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15.4553, 2.3121, 1.1607



15.4553, -1.1634, 3.4473



15.4553, -3.7312, 0.5149



15.4553, -0.4846, -2.3163

Rectangle

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



15.4550, 2.3126, 1.1604



15.4553, 0.8920, 3.0611



15.4553, -3.7312, 0.5149



15.4553, -2.4711, -1.7661

Sweetspot

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



15.4553, 2.3121, 1.1607



22.3796, -0.0365, 1.3135



15.5219, 2.9924, -2.3467



11.8202, -0.0236, 0.6933



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.



15.4553, 2.3121, 1.1607



19.0268, 4.1555, 1.6015



16.1871, 0.6731, 2.6327



9.4203, 0.1431, 0.5676



14.7455, 25.5104, 7.5269



38.5519, 66.4081, 21.9137

Inverse Universe

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



15.4553, 2.3121, 1.1607



19.0268, 4.1555, 1.6015



16.6277, -2.1534, -0.9597



9.4203, 0.1431, 0.5676



14.7455, 25.5104, 7.5269



38.5519, 66.4081, 21.9137

Previews

White Background



This preview shows how the HunterLab color 15.4550, 2.3126, 1.1604 looks on a white background.

Color Contrast Check

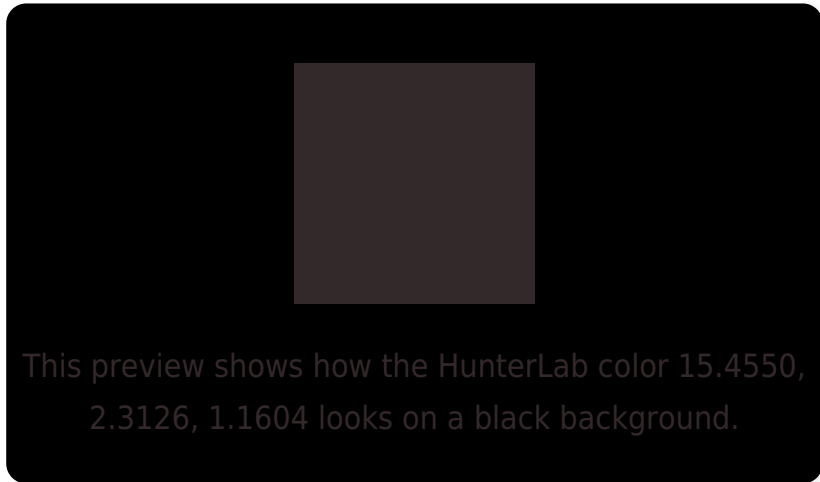
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4550, 2.3126, 1.1604 Background



This preview shows how black text looks on a background with the HunterLab color 15.4550, 2.3126, 1.1604.

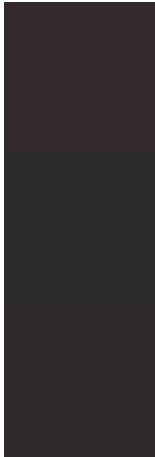


This preview shows how white text looks on a background with the HunterLab color 15.4550, 2.3126,

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

15.4550, 2.3126, 1.1604

Protanopia

15.5666, -0.6986, 0.5040

Deuteranopia

15.3538, 0.8369, 1.0168



Tritanopia

15.4784, 2.4361, 0.8258

Trichromacy



Original Color

15.4550, 2.3126, 1.1604

Protanomaly

15.5280, 0.3082, 0.8470

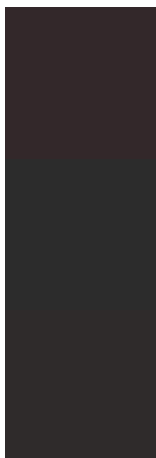
Deuteranomaly

15.4319, 1.0995, 1.1123

Tritanomaly

15.4784, 2.4361, 0.8258

Monochromacy



Original Color

15.4550, 2.3126, 1.1604

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

15.8320, 0.1674, 1.1994

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.4550, 2.3126, 1.1604 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, 40, 42)` looks like.

```
.text, #text, p{  
    color:rgb(51, 40, 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(51, 40, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 40, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 15.4550, 2.3126, 1.1604 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, 40, 42) }
```


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

```
.border{ border-color:rgb(51, 40, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 40, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 40, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 40, 42);  
box-shadow:4px 4px 4px 4px rgb(51, 40, 42)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.4550, 2.3126, 1.1604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 40, 42) }
```

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

```
.background{ background-color: rgb(51, 40,  
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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