

Converting Colors

HunterLab(12.6431, 1.2353,
-0.2430)

Have a look what the booklet for
HunterLab(12.6431, 1.2353, -0.2430)
contains.

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Color

**HunterLab(12.5645, 1.4499,
-0.4917)**

Conversions

Conversions Part 1

Format	Color
Hex	262025
RGB	38, 32, 37
RGB Percent	15%, 13%, 15%
CMY	0.8510, 0.8745, 0.8549
CMYK	0.00, 0.16, 0.03, 0.85
HSL	310°, 9%, 14%
HSV	310°, 16%, 15%
XYZ	1.6498, 1.5787, 1.9680
YIQ	34.3640, 1.9710, 2.8270

Conversions

Conversions Part 2

Format	Color
R_YB	38, 32, 37
Decimal	2498597
CIE Lab	13.10, 4.03, -2.31
CIE LCh	13, 4.646, 330.116
Yxy	1.5787, 0.3175, 0.3038
Android (android.graphics.Color)	4280688677 (0xFF262025)
YUV	34.3640, 1.2995, 3.1888
Hunter-Lab	12.5645, 1.4499, -0.4917

Details

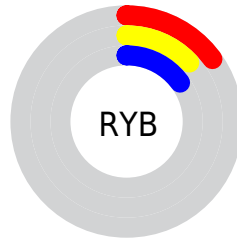
The HunterLab color **12.5645, 1.4499, -0.4917** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **13.4281, -2.7176, 1.8734**, and the grayscale version is **12.7586, -0.6808, 0.6932**.

A 20% lighter version of the original color is **27.5991, 1.3387, -0.1190**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.7549, 2.8664, -1.2740**, and if you desaturate by 10%, it is **13.4142, 0.0539, 0.2981**.

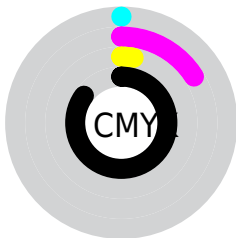
Distribution



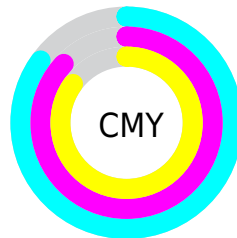
- Red (15%)
- Green (13%)
- Blue (15%)



- Red (15%)
- Yellow (13%)
- Blue (15%)



- Cyan (0%)
- Magenta (16%)
- Yellow (3%)
- Black (85%)



- Cyan (85%)
- Magenta (87%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5645, 1.4499, -0.4917 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 12.5645, 1.4499, -0.4917 by changing the saturation by 10% instead.

■ 12.5645, 1.4499,
-0.4917

■ 12.5645, 1.4499,
-0.4917

104.0354, -1.3686,
3.3657

■ 5.8583, 2.6836,
-1.3191

■ 27.5383, 1.2483,
0.0003

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.3660, 1.0313,
0.3428

0.0000, NaN, NaN

■ 45.9760, 0.7525,
0.7386

0.0000, NaN, NaN

■ 56.3091, 0.4191,
1.1823

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.3179, 0.0364,
1.6698

0.0000, NaN, NaN

■ 78.9631, -0.3912,

0.0000, NaN, NaN

2.1980

91.2117, -0.8605,
2.7640

12.5645, 1.4499,
-0.4917

12.5645, 1.4499,
-0.4917

11.7549, 2.8664,
-1.2740

13.4142, 0.0539,
0.2981

10.9898, 4.2979,
-2.0429

14.2989, -1.3177,
1.0903

10.2753, 5.7325,
-2.7884

15.2150, -2.6648,
1.8827

9.6179, 7.1515,
-3.4968

16.1595, -3.9882,
2.6736

9.0249, 8.5266,
-4.1495

17.1295, -5.2893,
3.4623

■ 8.5014, 9.8256,
-4.7270

■ 18.1227, -6.5701,
4.2485

■ 7.9794, 11.2346,
-5.3427

■ 19.1372, -7.8328,
5.0321

■ 7.4213, 12.9059,
-6.0806

■ 20.1712, -9.0794,
5.8133

■ 7.1732, 13.7130,
-6.4392

■ 21.2234, -10.3120,
6.5926

Harmonies

Analogous

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



12.5648, 0.5398, -1.4257



12.5645, 1.4499, -0.4917



12.5648, 1.7867, 0.6885

Triad

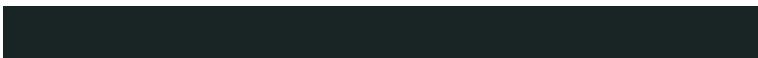
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.5648, 1.4496, -0.4915



12.5648, -0.6759, 2.7352



12.5648, -2.6553, -0.5002

Complementary

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



12.5645, 1.4499, -0.4917



13.4281, -2.7176, 1.8734

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.



12.5648, -2.9534, 0.6794



12.5645, 1.4499, -0.4917



12.5648, -1.8378, 2.4813

Square

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



12.5648, 1.4496, -0.4915



12.5648, 0.5311, 2.4851



12.5648, -2.6598, 1.7557



12.5648, -1.8298, -1.4311

Rectangle

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



12.5645, 1.4499, -0.4917



12.5648, 1.6316, 1.4346



12.5648, -2.6598, 1.7557



12.5648, -2.8191, -0.1161

Sweetspot

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



12.5648, 1.4496, -0.4915



16.7610, -0.0152, 0.4184



12.2327, 0.3880, -1.3434



9.6766, -0.0097, 0.2421



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

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



12.5648, 1.4496, -0.4915



15.2022, 2.5768, -1.0412



12.4926, 1.0655, 0.5338



7.3613, 0.1747, 0.0830



14.8098, 28.1803, -12.2748



40.7868, 77.3648, -31.9091

Inverse Universe

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



12.5648, 1.4496, -0.4915



15.2022, 2.5768, -1.0412



13.4934, -2.3514, 0.9393



7.3613, 0.1747, 0.0830



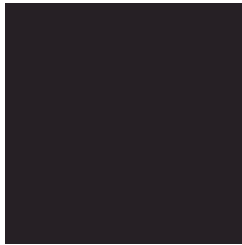
14.8098, 28.1803, -12.2748



40.7868, 77.3648, -31.9091

Previews

White Background



This preview shows how the HunterLab color 12.5645, 1.4499, -0.4917 looks on a white background.

Color Contrast Check

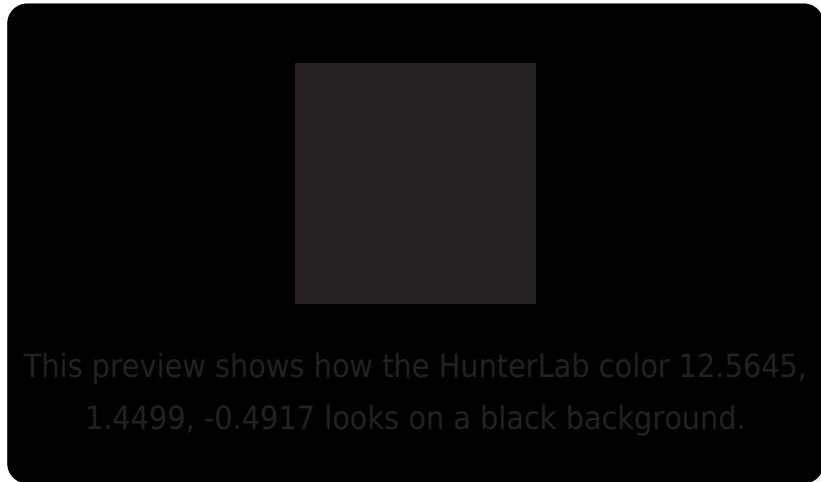
Large Text (above 18pt) WCAG AA ✓ Pass

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

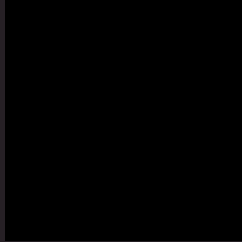
Any Text WCAG AA × Fail

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 12.5645, 1.4499, -0.4917 Background



This preview shows how black text looks on a background with the HunterLab color 12.5645, 1.4499, -0.4917.



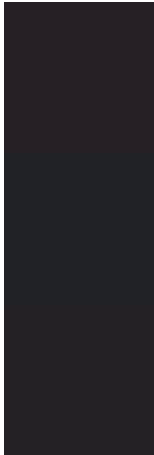
This preview shows how white text looks on a background with the HunterLab color 12.5645, 1.4499, -0.4917.

-0.4917.

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

12.5645, 1.4499, -0.4917

Protanopia

12.6780, -0.3764, -0.7700

Deuteranopia

12.6347, 0.5692, -0.4180



Tritanopia

12.5158, 1.1907, 0.2003

Trichromacy



Original Color

12.5645, 1.4499, -0.4917

Protanomaly

12.5896, 0.4671, -0.8700

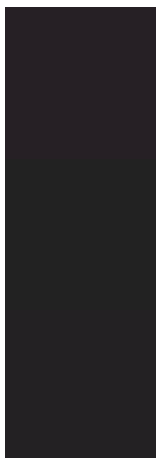
Deuteranomaly

12.7067, 0.8119, -0.3228

Tritanomaly

12.5398, 1.3187, -0.1415

Monochromacy



Original Color

12.5645, 1.4499, -0.4917

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.5155, 0.0669, 0.1804

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5645, 1.4499, -0.4917 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(38, 32, 37)` looks like.

```
.text, #text, p{  
    color:rgb(38, 32, 37)  
}
```

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(38, 32, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 32, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5645, 1.4499, -0.4917 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(38, 32, 37) }
```


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

```
.border{ border-color:rgb(38, 32, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 32, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 32, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 32, 37);  
box-shadow:4px 4px 4px 4px rgb(38, 32, 37)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.5645, 1.4499, -0.4917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 32, 37) }
```

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

```
.background{ background-color: rgb(38, 32,  
37) }
```

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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