

Converting Colors

HunterLab(12.4037, 2.6464,
-2.2510)

Have a look what the booklet for
HunterLab(12.4037, 2.6464, -2.2510)
contains.

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Color

**HunterLab(12.4585, 2.4049,
-2.2646)**

Conversions

Conversions Part 1

Format	Color
Hex	261F29
RGB	38, 31, 41
RGB Percent	15%, 12%, 16%
CMY	0.8510, 0.8784, 0.8392
CMYK	0.07, 0.24, 0.00, 0.84
HSL	282°, 14%, 14%
HSV	282°, 24%, 16%
XYZ	1.6896, 1.5521, 2.3084
YIQ	34.2330, 0.9620, 4.5940

Conversions

Conversions Part 2

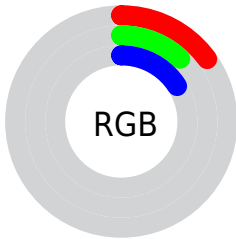
Format	Color
R_{YB}	38, 31, 41
Decimal	2498345
CIE Lab	12.94, 5.77, -5.46
CIE LCh	13, 7.945, 316.549
Yxy	1.5522, 0.3044, 0.2797
Android (android.graphics.Color)	4280688425 (0xFF261F29)
YUV	34.2330, 3.3361, 3.3037
Hunter-Lab	12.4585, 2.4049, -2.2646

Details

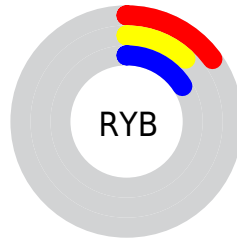
The HunterLab color **12.4585, 2.4049, -2.2646** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14.2300, -3.5778, 3.3043**, and the grayscale version is **12.7111, -0.6782, 0.6906**.

A 20% lighter version of the original color is **27.4646, 2.3913, -2.0407**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.5261, 3.7506, -3.6233**, and if you desaturate by 10%, it is **13.4312, 1.0780, -0.9655**.

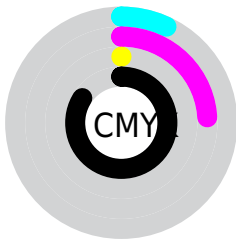
Distribution



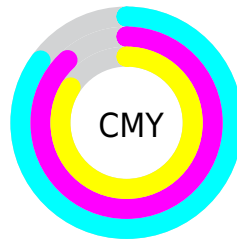
- Red (15%)
- Green (12%)
- Blue (16%)



- Red (15%)
- Yellow (12%)
- Blue (16%)



- Cyan (7%)
- Magenta (24%)
- Yellow (0%)
- Black (84%)



- Cyan (85%)
- Magenta (88%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4585, 2.4049, -2.2646 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 12.4585, 2.4049, -2.2646 by changing the saturation by 10% instead.

■ 12.4585, 2.4049,
-2.2646

■ 12.4585, 2.4049,
-2.2646

103.8207, 0.4670,
0.1498

■ 5.7014, 4.1036,
-3.6621

■ 27.4005, 2.4551,
-2.1724

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.2148, 2.3464,
-2.0065

0.0000, NaN, NaN

■ 45.8125, 2.1676,
-1.7754

0.0000, NaN, NaN

■ 56.1342, 1.9276,
-1.4866

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.1322, 1.6330,
-1.1456

0.0000, NaN, NaN

■ 78.7673, 1.2888,

0.0000, NaN, NaN

-0.7569

91.0063, 0.8990,
-0.3242

12.4585, 2.4049,
-2.2646

12.4585, 2.4049,
-2.2646

11.5261, 3.7506,
-3.6233

13.4312, 1.0780,
-0.9655

10.6389, 5.1113,
-5.0460

14.4388, -0.2279,
0.2787

9.8039, 6.4768,
-6.5324

15.4777, -1.5137,
1.4746

9.0291, 7.8287,
-8.0750

16.5446, -2.7809,
2.6281

8.3236, 9.1365,
-9.6543

17.6369, -4.0314,
3.7449

■ 7.6452, 10.5156,
-11.3742

■ 18.7524, -5.2675,
4.8301

■ 6.9063, 12.2867,
-13.5390

■ 19.8891, -6.4910,
5.8881

■ 6.4572, 13.5375,
-15.0466

■ 21.0453, -7.7040,
6.9230

■ 22.2197, -8.9082,
7.9379

Harmonies

Analogous

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



12.4588, 0.5061, -3.5959



12.4585, 2.4049, -2.2646



12.4588, 3.5114, -0.2491

Triad

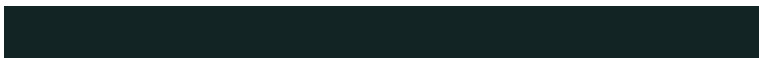
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.4588, 2.4046, -2.2643



12.4588, 0.2881, 3.8663



12.4588, -4.3057, -0.4667

Complementary

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



12.4585, 2.4049, -2.2646



14.2300, -3.5778, 3.3043

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.



12.4588, -4.3555, 1.5392



12.4585, 2.4049, -2.2646



12.4588, -1.7952, 3.8278

Square

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



12.4588, 2.4046, -2.2643



12.4588, 2.2359, 3.1576



12.4588, -3.4643, 3.0419



12.4588, -3.3234, -2.4462

Rectangle

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



12.4585, 2.4049, -2.2646



12.4588, 3.6067, 1.1085



12.4588, -3.4643, 3.0419



12.4588, -4.4297, 0.2319

Sweetspot

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



12.4588, 2.4046, -2.2643



18.0771, 0.2163, -0.1231



12.6692, -0.4428, -2.0187



10.2591, 0.0954, -0.0440



57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

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



12.4588, 2.4046, -2.2643



15.1655, 4.1859, -4.0105



12.6454, 2.9046, -1.2251



8.0177, 0.1340, -0.0906



12.5273, 26.5815, -31.6584



33.2354, 71.1656, -88.9790

Inverse Universe

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



12.5178, 2.2387, 0.5842



15.2692, 3.9216, 0.7222



14.0929, -4.0139, 2.6115



8.0265, 0.1017, 0.4060



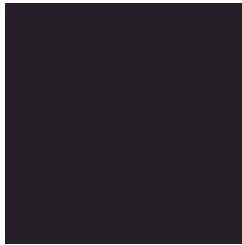
14.0107, 24.5023, 5.1112



37.8280, 65.7450, 16.9749

Previews

White Background



This preview shows how the HunterLab color 12.4585, 2.4049, -2.2646 looks on a white background.

Color Contrast Check

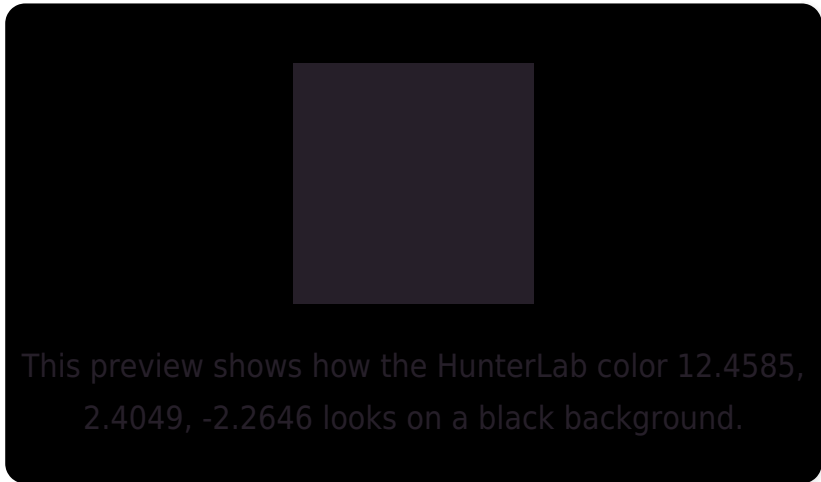
Large Text (above 18pt) WCAG AA ✓ Pass

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

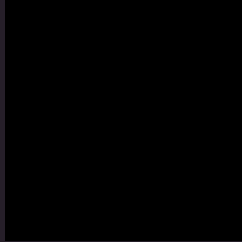
Any Text WCAG AA × Fail

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 12.4585, 2.4049, -2.2646 Background



This preview shows how black text looks on a background with the HunterLab color 12.4585, 2.4049, -2.2646.



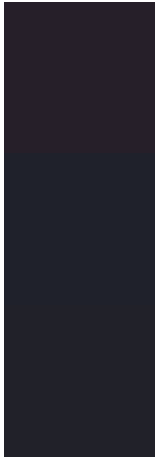
This preview shows how white text looks on a background with the HunterLab color 12.4585, 2.4049, -2.2646.

-2.2646.

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

12.4585, 2.4049, -2.2646

Protanopia

12.4637, 0.3150, -3.1866

Deuteranopia

12.5345, 0.4409, -2.1916



Tritanopia

12.4406, 0.9397, 0.1041

Trichromacy



Original Color

12.4585, 2.4049, -2.2646

Protanomaly

12.4108, 1.2088, -2.7960

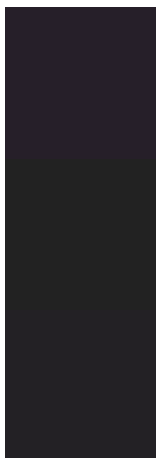
Deuteranomaly

12.4517, 1.2879, -2.2938

Tritanomaly

12.4896, 1.2015, -0.5917

Monochromacy



Original Color

12.4585, 2.4049, -2.2646

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.5643, 0.3305, -0.5116

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4585, 2.4049, -2.2646 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, 31, 41)` looks like.

```
.text, #text, p{  
    color:rgb(38, 31, 41)  
}
```

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, 31, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 31, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4585, 2.4049, -2.2646 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, 31, 41) }
```


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

```
.border{ border-color:rgb(38, 31, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 31, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 31, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 31, 41);  
box-shadow:4px 4px 4px 4px rgb(38, 31, 41)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.4585, 2.4049, -2.2646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 31, 41) }
```

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

```
.background{ background-color: rgb(38, 31,  
41) }
```

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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