

Converting Colors

HunterLab(12.8648, 5.4813,
-7.8877)

Have a look what the booklet for
HunterLab(12.8648, 5.4813, -7.8877)
contains.

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Color

**HunterLab(12.8297, 5.4465,
-8.1276)**

Conversions

Conversions Part 1

Format	Color
Hex	281E36
RGB	40, 30, 54
RGB Percent	16%, 12%, 21%
CMY	0.8431, 0.8823, 0.7882
CMYK	0.26, 0.44, 0.00, 0.79
HSL	265°, 29%, 16%
HSV	265°, 44%, 21%
XYZ	2.0052, 1.6460, 3.7021
YIQ	35.7260, -1.7440, 9.5840

Conversions

Conversions Part 2

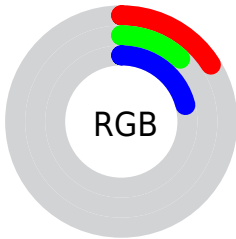
Format	Color
R_{YB}	40, 30, 54
Decimal	2629174
CIE _{Lab}	13.51, 10.97, -13.92
CIE _{LCh}	14, 17.720, 308.246
Yxy	1.6461, 0.2727, 0.2239
Android (android.graphics.Color)	4280819254 (0xFF281E36)
YUV	35.7260, 9.0091, 3.7483
Hunter-Lab	12.8297, 5.4465, -8.1276

Details

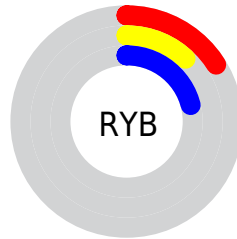
The HunterLab color **12.8297, 5.4465, -8.1276** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.0765, -6.0359, 7.0040**, and the grayscale version is **13.1680, -0.7026, 0.7154**.

A 20% lighter version of the original color is **27.9564, 6.2136, -8.7758**, and **1.2386, 3.3596, -8.8005** is the 20% darker color. If you saturate the color by 10%, you get **11.5552, 7.0067, -10.6647**, and if you desaturate by 10%, it is **14.1739, 3.9260, -5.7964**.

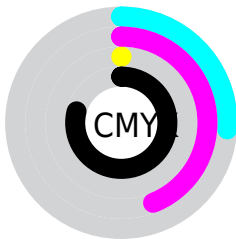
Distribution



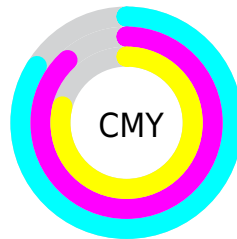
- Red (16%)
- Green (12%)
- Blue (21%)



- Red (16%)
- Yellow (12%)
- Blue (21%)



- Cyan (26%)
- Magenta (44%)
- Yellow (0%)
- Black (79%)



- Cyan (84%)
- Magenta (88%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.8297, 5.4465, -8.1276 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 12.8297, 5.4465, -8.1276 by changing the saturation by 10% instead.

■ 12.8297, 5.4465,
-8.1276

■ 12.8297, 5.4465,
-8.1276

■ 104.5705, 5.9918,
-8.9311

■ 6.2319, 7.3372,
-9.5601

■ 27.8822, 6.1871,
-8.7996

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 36.7432, 6.3822,
-9.0206

0.0000, NaN, NaN

■ 46.3838, 6.4866,
-9.1652

0.0000, NaN, NaN

■ 56.7453, 6.5128,
-9.2391

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.7808, 6.4700,
-9.2479

0.0000, NaN, NaN

■ 79.4513, 6.3654,

0.0000, NaN, NaN

-9.1966

91.7239, 6.2044,
-9.0897

12.8297, 5.4465,
-8.1276

12.8297, 5.4465,
-8.1276

11.5552, 7.0067,
-10.6647

14.1739, 3.9260,
-5.7964

10.3631, 8.5973,
-13.4314

15.5768, 2.4463,
-3.6431

9.2708, 10.1902,
-16.4293

17.0303, 1.0036,
-1.6389

8.2899, 11.7556,
-19.6472

18.5283, -0.4070,
0.2419

7.2716, 13.8131,
-23.7341

20.0657, -1.7909,
2.0206

■ 6.6532, 15.3970,
-26.7324

■ 21.6384, -3.1530,
3.7153

■ 23.2430, -4.4977,
5.3408

■ 24.8770, -5.8286,
6.9090

■ 26.5379, -7.1490,
8.4300

Harmonies

Analogous

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



12.8300, 0.6458, -11.1582



12.8297, 5.4465, -8.1276



12.8300, 8.9052, -2.9410

Triad

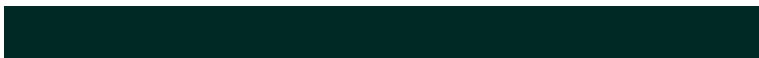
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.8300, 5.4463, -8.1273



12.8300, 2.8637, 6.7737



12.8300, -8.5046, -0.6059

Complementary

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



12.8297, 5.4465, -8.1276



18.0765, -6.0359, 7.0040

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.



12.8300, -8.0889, 3.5097



12.8297, 5.4465, -8.1276



12.8300, -1.9642, 7.1223

Square

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



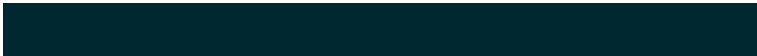
12.8300, 5.4463, -8.1273



12.8300, 7.2701, 5.0004



12.8300, -5.8454, 5.9526



12.8300, -7.0770, -5.8972

Rectangle

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



12.8297, 5.4465, -8.1276



12.8300, 9.7333, 0.4306



12.8300, -5.8454, 5.9526



12.8300, -8.5712, 0.9605

Sweetspot

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



12.8300, 5.4463, -8.1273



22.5298, 1.1777, -1.9620



15.4069, -2.4353, -3.9796



11.6897, 0.6918, -1.1289



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



12.8300, 5.4463, -8.1273



14.9670, 9.4916, -14.4934



13.8364, 8.3718, -6.2828



10.0745, 0.0829, -0.2746



10.8906, 25.7133, -47.7132



27.1542, 65.3950, -128.9059

Inverse Universe

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



13.7649, 7.5562, -1.6499



16.6002, 12.8032, -2.7422



17.4518, -8.4300, 6.4329



10.1585, 0.3144, 0.2551



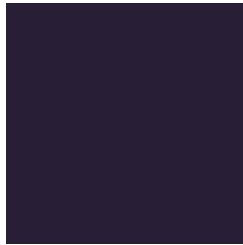
15.8970, 28.8731, -2.5098



40.8206, 73.7196, -3.1809

Previews

White Background



This preview shows how the HunterLab color 12.8297, 5.4465, -8.1276 looks on a white background.

Color Contrast Check

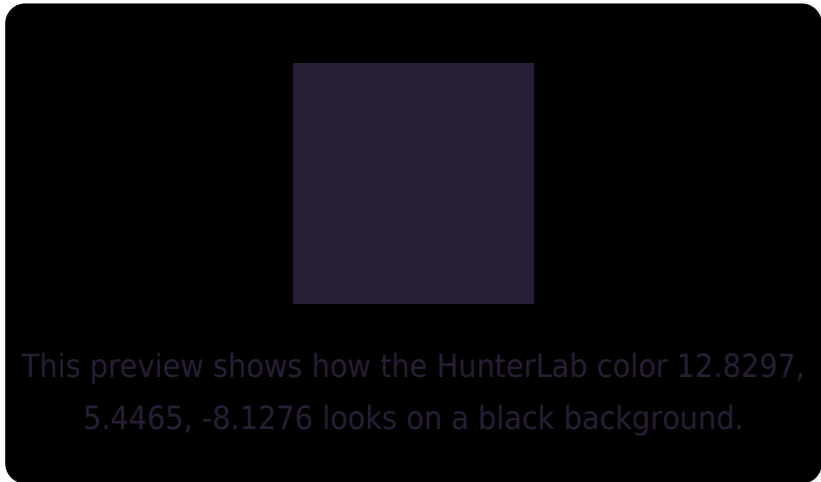
Large Text (above 18pt) WCAG AA ✓ Pass

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

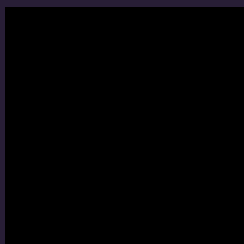
Any Text WCAG AA × Fail

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 12.8297, 5.4465, -8.1276 Background



This preview shows how black text looks on a background with the HunterLab color 12.8297, 5.4465, -8.1276.



This preview shows how white text looks on a background with the HunterLab color 12.8297, 5.4465, -8.1276.

-8.1276.

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

12.8297, 5.4465, -8.1276

Protanopia

12.8694, 1.5661, -10.4845

Deuteranopia

12.9565, 0.3284, -7.4234



Tritanopia

12.9265, 0.4243, -0.0553

Trichromacy



Original Color

12.8297, 5.4465, -8.1276

Protanomaly

12.8808, 2.6495, -9.8342

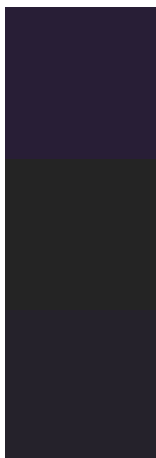
Deuteranomaly

12.7909, 2.0591, -7.6949

Tritanomaly

12.9391, 1.9018, -2.4664

Monochromacy



Original Color

12.8297, 5.4465, -8.1276

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.0835, 1.2661, -2.2729

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.8297, 5.4465, -8.1276 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(40, 30, 54)` looks like.

```
.text, #text, p{  
    color:rgb(40, 30, 54)  
}
```

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(40, 30, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 30, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 12.8297, 5.4465, -8.1276 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(40, 30, 54) }
```


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

```
.border{ border-color:rgb(40, 30, 54) }
```

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

Here you see how a box with a 4 pixel rgb(40, 30, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 30, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 30, 54);  
box-shadow:4px 4px 4px 4px rgb(40, 30, 54)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.8297, 5.4465, -8.1276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 30, 54) }
```

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

```
.background{ background-color: rgb(40, 30,  
54) }
```

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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