

Converting Colors

HunterLab(12.8519, 8.8846,
-5.7849)

Have a look what the booklet for
HunterLab(12.8519, 8.8846, -5.7849)
contains.

HunterLab(12.8343, 8.9793, -5.8747)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(12.8343, 8.9793,
-5.8747)**

Conversions

Conversions Part 1

Format	Color
Hex	321A32
RGB	50, 26, 50
RGB Percent	20%, 10%, 20%
CMY	0.8039, 0.8980, 0.8039
CMYK	0.00, 0.48, 0.00, 0.80
HSL	300°, 32%, 15%
HSV	300°, 48%, 20%
XYZ	2.2605, 1.6472, 3.2164
YIQ	35.9120, 6.6000, 12.5520

Conversions

Conversions Part 2

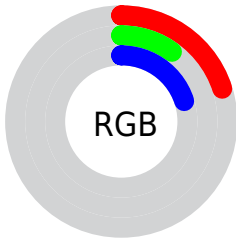
Format	Color
R_{YB}	50, 26, 50
Decimal	3283506
CIE _{Lab}	13.52, 16.57, -10.94
CIE _{LCh}	14, 19.854, 326.572
Yxy	1.6473, 0.3173, 0.2312
Android (android.graphics.Color)	4281473586 (0xFF321A32)
YUV	35.9120, 6.9454, 12.3552
Hunter-Lab	12.8343, 8.9793, -5.8747

Details

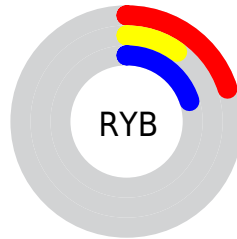
The HunterLab color **12.8343, 8.9793, -5.8747** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **16.0482, -8.5848, 6.1277**, and the grayscale version is **13.2317, -0.7060, 0.7189**.

A 20% lighter version of the original color is **27.8680, 10.3591, -6.1905**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.0200, 11.0318, -7.2851**, and if you desaturate by 10%, it is **13.7421, 6.8808, -4.4312**.

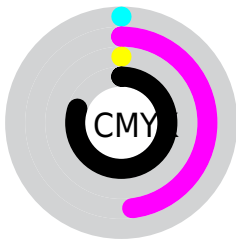
Distribution



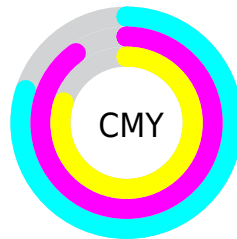
- Red (20%)
- Green (10%)
- Blue (20%)



- Red (20%)
- Yellow (10%)
- Blue (20%)



- Cyan (0%)
- Magenta (48%)
- Yellow (0%)
- Black (80%)



- Cyan (80%)
- Magenta (90%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.8343, 8.9793, -5.8747 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 12.8343, 8.9793, -5.8747 by changing the saturation by 10% instead.

■ 12.8343, 8.9793,
-5.8747

■ 12.8343, 8.9793,
-5.8747

■ 104.5798, 12.0916,
-5.6387

■ 6.2382, 11.2409,
-7.0972

■ 27.8882, 10.4081,
-6.3260

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.7498, 10.9160,
-6.4233

0.0000, NaN, NaN

■ 46.3909, 11.3148,
-6.4447

0.0000, NaN, NaN

■ 56.7529, 11.6196,
-6.3978

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.7888, 11.8417,
-6.2889

0.0000, NaN, NaN

■ 79.4598, 11.9899,

0.0000, NaN, NaN

-6.1232

91.7328, 12.0713,
-5.9053

12.8343, 8.9793,
-5.8747

12.8343, 8.9793,
-5.8747

12.0200, 11.0318,
-7.2851

13.7421, 6.8808,
-4.4312

11.3094, 12.9817,
-8.6239

14.7318, 4.7783,
-2.9836

10.7135, 14.7543,
-9.8401

15.7937, 2.6972,
-1.5492

10.1916, 16.4277,
-10.9875

16.9190, 0.6520,
-0.1381

9.6444, 18.3249,
-12.2875

18.1003, -1.3503,
1.2449

■ 9.5311, 18.7384,
-12.5707

■ 19.3311, -3.3080,
2.5984

■ 20.6060, -5.2222,
3.9232

■ 21.9204, -7.0956,
5.2209

■ 23.2704, -8.9321,
6.4941

Harmonies

Analogous

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



12.8346, 4.2005, -11.3534



12.8343, 8.9793, -5.8747



12.8346, 11.1584, 0.1051

Triad

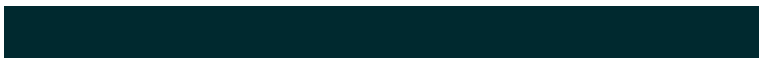
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.8346, 8.9789, -5.8743



12.8346, -0.0702, 7.8591



12.8346, -8.5899, -4.4405

Complementary

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



12.8343, 8.9793, -5.8747



16.0482, -8.5848, 6.1277

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.



12.8346, -9.3589, 1.2651



12.8343, 8.9793, -5.8747



12.8346, -4.9348, 7.1933

Square

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



12.8346, 8.9789, -5.8743



12.8346, 5.4273, 6.8098



12.8346, -8.1336, 4.9908



12.8346, -5.8326, -10.3163

Rectangle

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



12.8343, 8.9793, -5.8747



12.8346, 10.6200, 3.1682



12.8346, -8.1336, 4.9908



12.8346, -9.0680, -2.3866

Sweetspot

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



12.8346, 8.9789, -5.8743



20.4077, 2.5476, -1.3642



10.9031, 3.3681, -9.6323



11.1540, 1.4840, -0.8079



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.



12.8346, 8.9789, -5.8743



14.9082, 14.6586, -9.6993



12.4777, 7.2717, -0.8977



9.4671, 0.3954, -0.0981



16.9166, 33.2585, -22.3116



44.3961, 87.2840, -58.5547

Inverse Universe

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



12.8346, 8.9789, -5.8743



14.9082, 14.6586, -9.6993



16.2506, -7.3870, 3.1936



9.4671, 0.3954, -0.0981



16.9166, 33.2585, -22.3116



44.3961, 87.2840, -58.5547

Previews

White Background



This preview shows how the HunterLab color 12.8343, 8.9793, -5.8747 looks on a white background.

Color Contrast Check

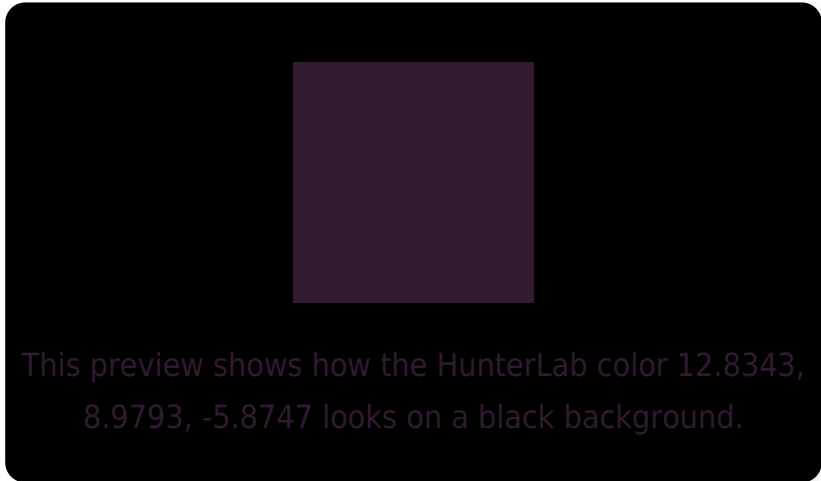
Large Text (above 18pt) WCAG AA ✓ Pass

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

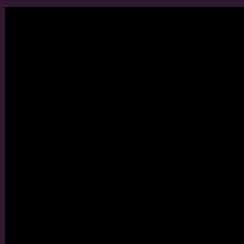
Any Text WCAG AA × Fail

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 12.8343, 8.9793, -5.8747 Background



This preview shows how black text looks on a background with the HunterLab color 12.8343, 8.9793, -5.8747.



This preview shows how white text looks on a background with the HunterLab color 12.8343, 8.9793, -5.8747.

-5.8747.

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

12.8343, 8.9793, -5.8747

Protanopia

12.8805, 1.5245, -9.8544

Deuteranopia

13.0643, 0.3594, -4.6340



Tritanopia

12.8888, 4.3663, 1.7324

Trichromacy



Original Color

12.8343, 8.9793, -5.8747

Protanomaly

12.6635, 3.9014, -8.4687

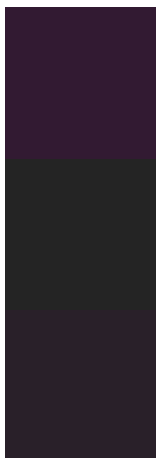
Deuteranomaly

12.9106, 3.2637, -5.3315

Tritanomaly

12.9545, 5.8826, -0.6995

Monochromacy



Original Color

12.8343, 8.9793, -5.8747

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

12.9017, 2.7574, -1.6423

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.8343, 8.9793, -5.8747 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(50, 26, 50)` looks like.

```
.text, #text, p{  
    color:rgb(50, 26, 50)  
}
```

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(50, 26, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 26, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 12.8343, 8.9793, -5.8747 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(50, 26, 50) }
```


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

```
.border{ border-color:rgb(50, 26, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 26, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 26, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 26, 50);  
box-shadow:4px 4px 4px 4px rgb(50, 26, 50)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.8343, 8.9793, -5.8747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 26, 50) }
```

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

```
.background{ background-color: rgb(50, 26,  
50) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor