

Converting Colors

HunterLab(13.1781, 8.1384,
-5.8284)

Have a look what the booklet for
HunterLab(13.1781, 8.1384, -5.8284)
contains.

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Color

**HunterLab(13.1244, 8.0339,
-5.9210)**

Conversions

Conversions Part 1

Format	Color
Hex	311C33
RGB	49, 28, 51
RGB Percent	19%, 11%, 20%
CMY	0.8078, 0.8902, 0.8000
CMYK	0.04, 0.45, 0.00, 0.80
HSL	295°, 29%, 15%
HSV	295°, 45%, 20%
XYZ	2.2794, 1.7225, 3.3443
YIQ	36.9010, 5.1330, 11.6050

Conversions

Conversions Part 2

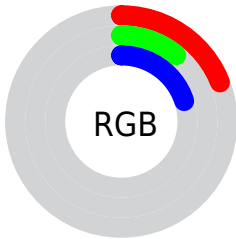
Format	Color
R_{YB}	49, 28, 51
Decimal	3218483
CIE _{Lab}	13.96, 15.06, -10.98
CIE _{LCh}	14, 18.639, 323.898
Yxy	1.7226, 0.3103, 0.2345
Android (android.graphics.Color)	4281408563 (0xFF311C33)
YUV	36.9010, 6.9508, 10.6108
Hunter-Lab	13.1244, 8.0339, -5.9210

Details

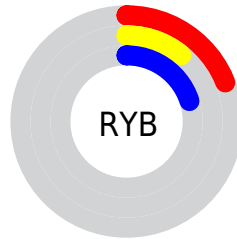
The HunterLab color **13.1244, 8.0339, -5.9210** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **16.5153, -8.0539, 6.0914**, and the grayscale version is **13.5475, -0.7229, 0.7361**.

A 20% lighter version of the original color is **28.2570, 9.2915, -6.1550**, and **0.4681, 1.2698, -3.3263** is the 20% darker color. If you saturate the color by 10%, you get **12.2062, 10.0415, -7.5161**, and if you desaturate by 10%, it is **14.1295, 6.0017, -4.3308**.

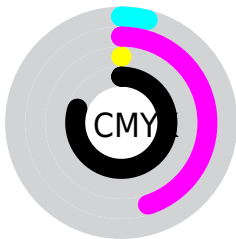
Distribution



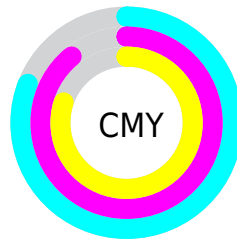
- Red (19%)
- Green (11%)
- Blue (20%)



- Red (19%)
- Yellow (11%)
- Blue (20%)



- Cyan (4%)
- Magenta (45%)
- Yellow (0%)
- Black (80%)



- Cyan (81%)
- Magenta (89%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.1244, 8.0339, -5.9210 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 13.1244, 8.0339, -5.9210 by changing the saturation by 10% instead.

■ 13.1244, 8.0339,
-5.9210

■ 13.1244, 8.0339,
-5.9210

■ 105.1619, 10.4310,
-5.6748

■ 6.6197, 9.5595,
-6.7682

■ 28.2634, 9.2708,
-6.3683

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 37.1610, 9.6913,
-6.4640

0.0000, NaN, NaN

■ 46.8352, 10.0080,
-6.4842

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.2280, 10.2352,
-6.4363

0.0000, NaN, NaN

■ 68.2928, 10.3835,
-6.3266

0.0000, NaN, NaN

■ 79.9910, 10.4614,

0.0000, NaN, NaN

-6.1604

92.2901, 10.4754,
-5.9419

13.1244, 8.0339,
-5.9210

13.1244, 8.0339,
-5.9210

12.2062, 10.0415,
-7.5161

14.1295, 6.0017,
-4.3308

11.3858, 11.9774,
-9.0839

15.2099, 3.9774,
-2.7670

10.6756, 13.7739,
-10.5752

16.3564, 1.9788,
-1.2397

10.0686, 15.4047,
-11.9692

17.5610, 0.0151,
0.2469

9.4473, 17.2316,
-13.5330

18.8167, -1.9103,
1.6926

■ 9.1274, 18.2495,
-14.4013

■ 20.1178, -3.7974,
3.0995

■ 21.4595, -5.6485,
4.4710

■ 22.8377, -7.4665,
5.8106

■ 24.2490, -9.2551,
7.1221

Harmonies

Analogous

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



13.1247, 3.4381, -10.7424



13.1244, 8.0339, -5.9210



13.1247, 10.3284, -0.2984

Triad

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



13.1247, 8.0335, -5.9206



13.1247, 0.3397, 7.4398



13.1247, -8.4043, -3.5711

Complementary

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



13.1244, 8.0339, -5.9210



16.5153, -8.0539, 6.0914

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.



13.1247, -8.9783, 1.6524



13.1244, 8.0339, -5.9210



13.1247, -4.3832, 6.9685

Square

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



13.1247, 8.0335, -5.9206



13.1247, 5.4772, 6.3428



13.1247, -7.6184, 5.0550



13.1247, -5.9129, -9.0673

Rectangle

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



13.1244, 8.0339, -5.9210



13.1247, 10.0316, 2.7322



13.1247, -7.6184, 5.0550



13.1247, -8.8107, -1.6853

Sweetspot

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



13.1247, 8.0335, -5.9206



21.1321, 2.4574, -1.5272



11.9574, 2.1893, -8.1235



11.1178, 1.3646, -0.8574



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.



13.1247, 8.0335, -5.9206



15.5363, 13.3806, -10.0395



13.0389, 7.2297, -1.7146



9.4520, 0.3443, -0.1178



15.8004, 31.6500, -25.3818



41.2181, 82.7097, -67.3361

Inverse Universe

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



12.7598, 5.8572, 2.2573



14.9530, 9.9688, 3.5038



16.5814, -7.4887, 3.7685



9.4151, 0.1149, 0.6419



14.6739, 25.2455, 8.5835



38.4186, 65.9141, 23.8871

Previews

White Background



This preview shows how the HunterLab color 13.1244, 8.0339, -5.9210 looks on a white background.

Color Contrast Check

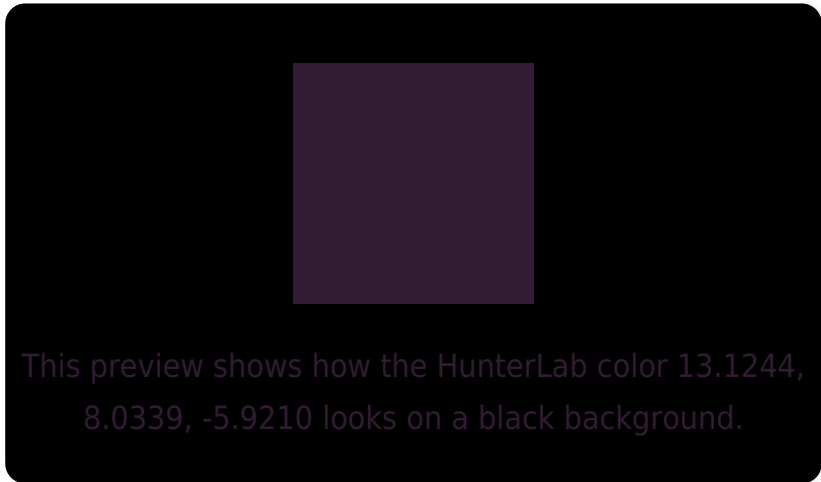
Large Text (above 18pt) WCAG AA ✓ Pass

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

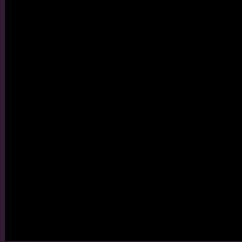
Any Text WCAG AA × Fail

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 13.1244, 8.0339, -5.9210 Background



This preview shows how black text looks on a background with the HunterLab color 13.1244, 8.0339, -5.9210.



This preview shows how white text looks on a background with the HunterLab color 13.1244, 8.0339, -5.9210.

-5.9210.

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

13.1244, 8.0339, -5.9210

Protanopia

13.2074, 1.4636, -9.2131

Deuteranopia

13.4131, 0.5113, -5.0647



Tritanopia

13.2395, 3.4926, 1.4420

Trichromacy



Original Color

13.1244, 8.0339, -5.9210

Protanomaly

12.9766, 3.8893, -8.4501

Deuteranomaly

13.1532, 3.0230, -5.4444

Tritanomaly

13.2723, 4.9076, -0.7035

Monochromacy



Original Color

13.1244, 8.0339, -5.9210

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

13.3516, 2.0951, -1.4634

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.1244, 8.0339, -5.9210 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(49, 28, 51)` looks like.

```
.text, #text, p{  
    color:rgb(49, 28, 51)  
}
```

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(49, 28, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 28, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 13.1244, 8.0339, -5.9210 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(49, 28, 51) }
```


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

```
.border{ border-color:rgb(49, 28, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 28, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 28, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 28, 51);  
box-shadow:4px 4px 4px 4px rgb(49, 28, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.1244, 8.0339, -5.9210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 28, 51) }
```

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

```
.background{ background-color: rgb(49, 28,  
51) }
```

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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