

Converting Colors

HunterLab(12.8905, 6.1317,
-9.3498)

Have a look what the booklet for
HunterLab(12.8905, 6.1317, -9.3498)
contains.

HunterLab(12.9042, 5.8183, -9.1369)	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(12.9042, 5.8183,
-9.1369)**

Conversions

Conversions Part 1

Format	Color
Hex	281E38
RGB	40, 30, 56
RGB Percent	16%, 12%, 22%
CMY	0.8431, 0.8823, 0.7804
CMYK	0.29, 0.46, 0.00, 0.78
HSL	263°, 30%, 17%
HSV	263°, 46%, 22%
XYZ	2.0532, 1.6652, 3.9546
YIQ	35.9540, -2.3860, 10.2060

Conversions

Conversions Part 2

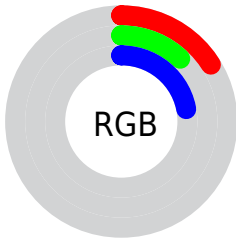
Format	Color
R_{YB}	40, 30, 56
Decimal	2629176
CIE Lab	13.62, 11.57, -15.16
CIE LCh	14, 19.071, 307.349
Yxy	1.6652, 0.2676, 0.2170
Android (android.graphics.Color)	4280819256 (0xFF281E38)
YUV	35.9540, 9.8827, 3.5483
Hunter-Lab	12.9042, 5.8183, -9.1369

Details

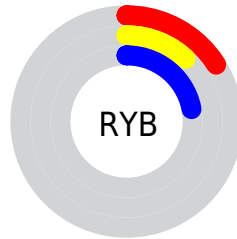
The HunterLab color **12.9042, 5.8183, -9.1369** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **18.7162, -6.2851, 7.5316**, and the grayscale version is **13.2380, -0.7063, 0.7192**.

A 20% lighter version of the original color is **28.0272, 6.5820, -9.7598**, and **1.4804, 4.0155, -10.5186** is the 20% darker color. If you saturate the color by 10%, you get **11.5783, 7.4240, -11.8945**, and if you desaturate by 10%, it is **14.3058, 4.2592, -6.6164**.

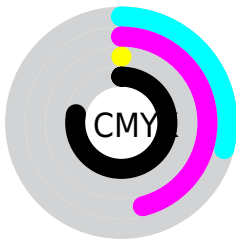
Distribution



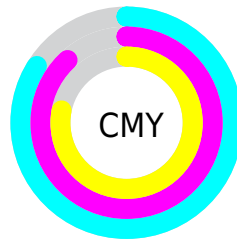
- Red (16%)
- Green (12%)
- Blue (22%)



- Red (16%)
- Yellow (12%)
- Blue (22%)



- Cyan (29%)
- Magenta (46%)
- Yellow (0%)
- Black (78%)



- Cyan (84%)
- Magenta (88%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.9042, 5.8183, -9.1369 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 12.9042, 5.8183, -9.1369 by changing the saturation by 10% instead.

■ 12.9042, 5.8183,
-9.1369

■ 12.9042, 5.8183,
-9.1369

■ 104.7203, 6.6375,
-10.3309

■ 6.3325, 7.6234,
-10.5523

■ 27.9787, 6.6331,
-9.8811

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 36.8490, 6.8615,
-10.1480

0.0000, NaN, NaN

■ 46.4981, 6.9973,
-10.3396

0.0000, NaN, NaN

■ 56.8676, 7.0531,
-10.4603

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.9105, 7.0384,
-10.5152

0.0000, NaN, NaN

■ 79.5880, 6.9606,

0.0000, NaN, NaN

-10.5092

91.8673, 6.8254,
-10.4465

12.9042, 5.8183,
-9.1369

12.9042, 5.8183,
-9.1369

11.5783, 7.4240,
-11.8945

14.3058, 4.2592,
-6.6164

10.3426, 9.0660,
-14.9164

15.7707, 2.7472,
-4.3000

9.2168, 10.7116,
-18.2009

17.2900, 1.2775,
-2.1535

8.2036, 12.3602,
-21.7688

18.8568, -0.1560,
-0.1470

7.1303, 14.6496,
-26.4605

20.4656, -1.5595,
1.7445

■ 6.7149, 15.7515,
-28.6216

■ 22.1120, -2.9387,
3.5418

■ 23.7922, -4.2986,
5.2618

■ 25.5035, -5.6434,
6.9184

■ 27.2433, -6.9766,
8.5226

Harmonies

Analogous

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



12.9045, 0.5898, -12.4043



12.9042, 5.8183, -9.1369



12.9045, 9.6699, -3.4332

Triad

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



12.9045, 5.8181, -9.1365



12.9045, 3.3104, 7.1423



12.9045, -9.0489, -0.5493

Complementary

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



12.9042, 5.8183, -9.1369



18.7162, -6.2851, 7.5316

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.



12.9045, -8.5523, 3.8044



12.9042, 5.8183, -9.1369



12.9045, -1.9204, 7.5645

Square

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



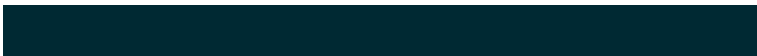
12.9045, 5.8181, -9.1365



12.9045, 8.0723, 5.2053



12.9045, -6.1180, 6.3587



12.9045, -7.5987, -6.3388

Rectangle

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



12.9042, 5.8183, -9.1369



12.9045, 10.6457, 0.2633



12.9045, -6.1180, 6.3587



12.9045, -9.0997, 1.1266

Sweetspot

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



12.9045, 5.8181, -9.1365



23.0848, 1.3541, -2.3681



15.8688, -2.7136, -4.2481



12.2693, 0.8105, -1.3893



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



12.9045, 5.8181, -9.1365



14.8180, 10.2848, -16.5759



14.0361, 9.0686, -6.9965



10.0686, 0.0625, -0.2825



10.6393, 25.4498, -49.1686



26.5163, 64.7571, -132.8412

Inverse Universe

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



14.0236, 8.4046, -2.1399



16.7983, 14.3358, -3.5371



18.0167, -8.9715, 6.9024



10.1605, 0.3254, 0.2261



15.9856, 29.1921, -3.7505



41.0544, 74.5644, -6.4753

Previews

White Background



This preview shows how the HunterLab color 12.9042, 5.8183, -9.1369 looks on a white background.

Color Contrast Check

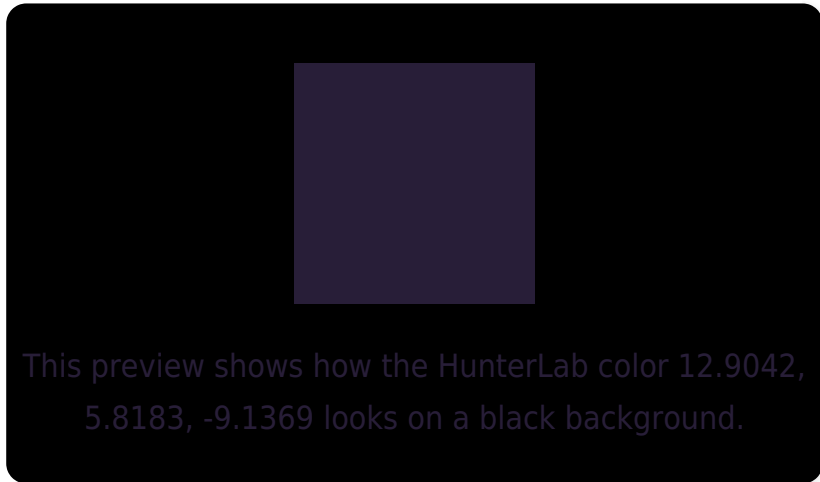
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.9042, 5.8183, -9.1369 Background



This preview shows how black text looks on a background with the HunterLab color 12.9042, 5.8183, -9.1369.



This preview shows how white text looks on a background with the HunterLab color 12.9042, 5.8183, -9.1369.

-9.1369.

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

12.9042, 5.8183, -9.1369

Protanopia

12.9015, 1.8329, -11.6640

Deuteranopia

12.9309, 0.3866, -8.5979



Tritanopia

12.8557, 0.1836, -0.1473

Trichromacy



Original Color

12.9042, 5.8183, -9.1369

Protanomaly

12.9595, 3.0595, -10.8907

Deuteranomaly

12.8046, 2.2506, -8.8067

Tritanomaly

12.8953, 1.8155, -2.9782

Monochromacy



Original Color

12.9042, 5.8183, -9.1369

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 12.9042, 5.8183, -9.1369 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, 56)` looks like.

```
.text, #text, p{  
    color:rgb(40, 30, 56)  
}
```

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, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 30, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 12.9042, 5.8183, -9.1369 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, 56) }
```


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

```
.border{ border-color:rgb(40, 30, 56) }
```

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, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 30, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 30, 56);  
box-shadow:4px 4px 4px 4px rgb(40, 30, 56)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.9042, 5.8183, -9.1369 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, 56) }
```

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

```
.background{ background-color: rgb(40, 30,  
56) }
```

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