

Converting Colors

HunterLab(12.9589, 14.3683,
-9.3248)

Have a look what the booklet for
HunterLab(12.9589, 14.3683,
-9.3248) contains.

HunterLab(12.9057, 14.4272, -9.5782)	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(12.9057, 14.4272,
-9.5782)**

Conversions

Conversions Part 1

Format	Color
Hex	391439
RGB	57, 20, 57
RGB Percent	22%, 8%, 22%
CMY	0.7765, 0.9216, 0.7765
CMYK	0.00, 0.65, 0.00, 0.78
HSL	300°, 48%, 15%
HSV	300°, 65%, 22%
XYZ	2.6760, 1.6656, 4.0513
YIQ	35.2810, 10.1750, 19.3510

Conversions

Conversions Part 2

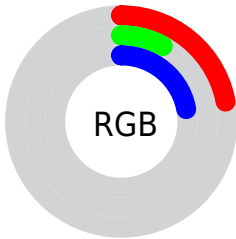
Format	Color
R_{YB}	57, 20, 57
Decimal	3740729
CIE _{Lab}	13.62, 24.42, -15.69
CIE _{LCh}	14, 29.025, 327.272
Yxy	1.6656, 0.3188, 0.1985
Android (android.graphics.Color)	4281930809 (0xFF391439)
YUV	35.2810, 10.7075, 19.0476
Hunter-Lab	12.9057, 14.4272, -9.5782




Details

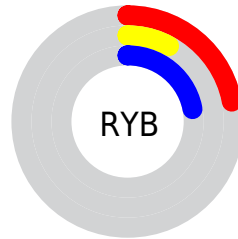
The HunterLab color **12.9057, 14.4272, -9.5782** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **17.6792, -11.9777, 8.4643**, and the grayscale version is **13.0186, -0.6946, 0.7073**.




A 20% lighter version of the original color is **28.0076, 16.8408, -10.1718**, and **1.5544, 4.2163, -11.0448** is the 20% darker color. If you saturate the color by 10%, you get **12.1964, 16.5183, -11.0129**, and if you desaturate by 10%, it is **13.7511, 12.1353, -8.0043**.

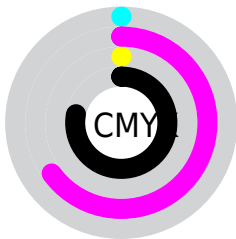
Distribution







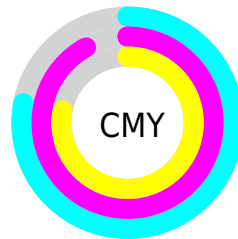
-  Red (22%)
-  Green (8%)
-  Blue (22%)






-  Red (22%)
-  Yellow (8%)
-  Blue (22%)



-  Cyan (0%)
-  Magenta (65%)
-  Yellow (0%)
-  Black (78%)



-  Cyan (78%)
-  Magenta (92%)
-  Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.9057, 14.4272, -9.5782 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 12.9057, 14.4272, -9.5782 by changing the saturation by 10% instead.

12.9057, 14.4272,
-9.5782

12.9057, 14.4272,
-9.5782

104.7234, 20.8619,
-10.9349

6.3345, 16.6672,
-11.0429

27.9807, 16.6892,
-10.3503

0.0000, NaN, -NF

0.0000, NaN, NaN

36.8511, 17.5985,
-10.6363

0.0000, NaN, NaN

46.5004, 18.3822,
-10.8476

0.0000, NaN, NaN

0.0000, NaN, NaN

56.8701, 19.0554,
-10.9881

0.0000, NaN, NaN

67.9131, 19.6307,
-11.0627

0.0000, NaN, NaN

79.5908, 20.1182,

0.0000, NaN, NaN

-11.0759

91.8703, 20.5263,
-11.0320

12.9057, 14.4272,
-9.5782

12.9057, 14.4272,
-9.5782

12.1964, 16.5183,
-11.0129

13.7511, 12.1353,
-8.0043

11.6276, 18.3259,
-12.2524

14.7186, 9.7329,
-6.3531

11.0827, 20.1842,
-13.5259

15.7948, 7.2869,
-4.6703

10.7948, 21.2229,
-14.2375

16.9666, 4.8434,
-2.9875

18.2221, 2.4306,
-1.3241

■ 19.5511, 0.0638,
0.3095

■ 20.9445, -2.2508,
1.9086

■ 22.3950, -4.5120,
3.4725

■ 23.8962, -6.7222,
5.0026

Harmonies

Analogous

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



12.9060, 6.8898, -19.3729



12.9057, 14.4272, -9.5782



12.9060, 17.8677, 0.0081

Triad

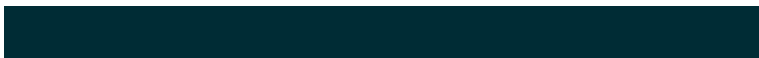
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.9060, 14.4267, -9.5777



12.9060, 0.0290, 9.0342



12.9060, -11.4679, -7.6477

Complementary

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



12.9057, 14.4272, -9.5782



17.6792, -11.9777, 8.4643

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.



12.9060, -12.5462, 1.3604



12.9057, 14.4272, -9.5782



12.9060, -6.8433, 9.0342

Square

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



12.9060, 14.4267, -9.5777



12.9060, 8.4160, 9.0342



12.9060, -11.0015, 6.5296



12.9060, -7.8105, -17.8689

Rectangle

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



12.9057, 14.4272, -9.5782



12.9060, 16.8874, 4.2482



12.9060, -11.0015, 6.5296



12.9060, -12.1154, -4.2663

Sweetspot

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



12.9060, 14.4267, -9.5777



22.7350, 4.6926, -2.7809



9.7186, 6.4511, -17.5138



12.0809, 2.6915, -1.6123



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.



12.9060, 14.4267, -9.5777



15.2519, 22.9767, -15.3497



12.3022, 11.7787, -1.2565



10.1855, 0.4600, -0.1290



17.4190, 34.2463, -22.9742



44.9854, 88.4426, -59.3319

Inverse Universe

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



12.9060, 14.4267, -9.5777



15.2519, 22.9767, -15.3497



17.9394, -10.4025, 4.6706



10.1855, 0.4600, -0.1290



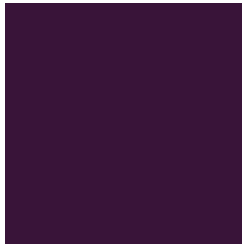
17.4190, 34.2463, -22.9742



44.9854, 88.4426, -59.3319

Previews

White Background



This preview shows how the HunterLab color 12.9057, 14.4272, -9.5782 looks on a white background.

Color Contrast Check

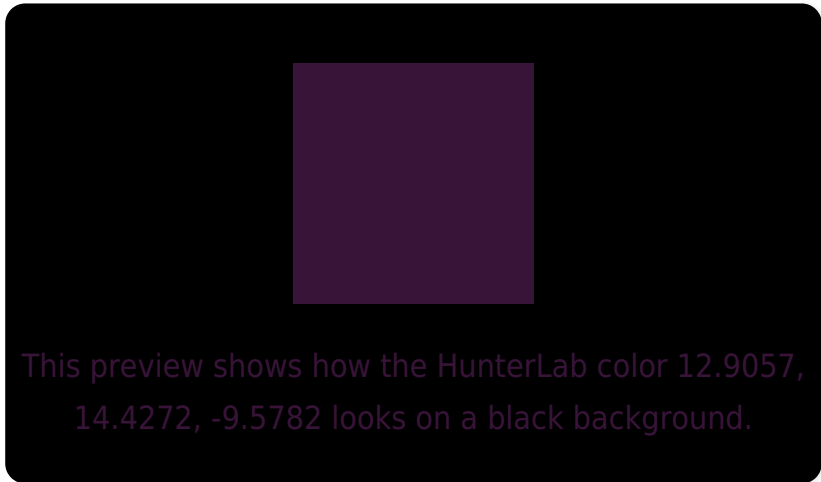
Large Text (above 18pt) WCAG AA ✓ Pass

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

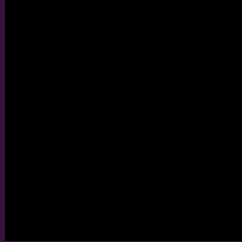
Any Text WCAG AA × Fail

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 12.9057, 14.4272, -9.5782 Background



This preview shows how black text looks on a background with the HunterLab color 12.9057, 14.4272, -9.5782.



This preview shows how white text looks on a background with the HunterLab color 12.9057, 14.4272, -9.5782.

-9.5782.

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

12.9057, 14.4272, -9.5782

Protanopia

13.2301, 2.7446, -18.5146

Deuteranopia

13.2707, 0.2979, -7.4100



Tritanopia

13.0710, 6.7721, 2.6013

Trichromacy



Original Color

12.9057, 14.4272, -9.5782

Protanomaly

12.6409, 5.8811, -16.2830

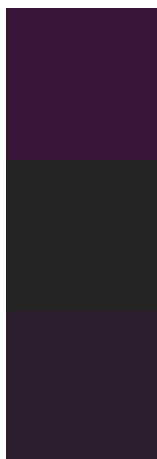
Deuteranomaly

12.7140, 5.1727, -8.9306

Tritanomaly

12.8868, 9.3921, -1.1309

Monochromacy



Original Color

12.9057, 14.4272, -9.5782

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.7144, 4.3763, -2.7466

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.9057, 14.4272, -9.5782 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(57, 20, 57)` looks like.

```
.text, #text, p{  
    color:rgb(57, 20, 57)  
}
```

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(57, 20, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 20, 57) }
```

Border

The CSS property to change the border of an element to HunterLab 12.9057, 14.4272, -9.5782 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(57, 20, 57) }
```


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

```
.border{ border-color:rgb(57, 20, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 20, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 20, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 20, 57);  
box-shadow:4px 4px 4px 4px rgb(57, 20, 57)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.9057, 14.4272, -9.5782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 20, 57) }
```

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

```
.background{ background-color: rgb(57, 20,  
57) }
```

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