

Converting Colors

HunterLab(9.5116, 1.6827,
-61.3224)

Have a look what the booklet for
HunterLab(9.5116, 1.6827, -61.3224)
contains.

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Color

**HunterLab(13.0574, 11.3929,
-40.9147)**

Conversions

Conversions Part 1

Format	Color
Hex	001D5F
RGB	0, 29, 95
RGB Percent	0%, 11%, 37%
CMY	1.0000, 0.8863, 0.6274
CMYK	1.00, 0.69, 0.00, 0.63
HSL	222°, 100%, 19%
HSV	222°, 100%, 37%
XYZ	2.5049, 1.7050, 11.0236
YIQ	27.8530, -38.4700, 14.3780

Conversions

Conversions Part 2

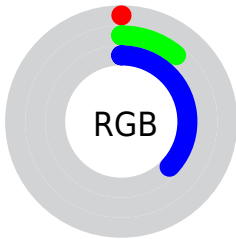
Format	Color
RYB	0, 22, 95
Decimal	7519
CIELab	13.86, 20.11, -41.74
CIELCh	14, 46.330, 295.722
Yxy	1.7050, 0.1644, 0.1119
Android (android.graphics.Color)	4278197599 (0xFF001D5F)
YUV	27.8530, 33.1035, -24.4271
Hunter-Lab	13.0574, 11.3929, -40.9147

Details

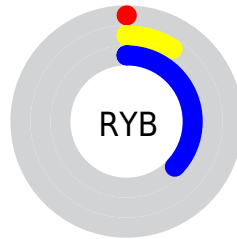
The HunterLab color **13.0574, 11.3929, -40.9147** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **25.1604, 3.2765, 15.5605**, and the grayscale version is **10.6415, -0.5678, 0.5782**.

A 20% lighter version of the original color is **28.1129, 13.1562, -39.7990**, and **5.4794, 9.2053, -26.7202** is the 20% darker color. If you saturate the color by 10%, you get **13.0562, 11.3961, -40.9201**, and if you desaturate by 10%, it is **14.5783, 8.8138, -34.8942**.

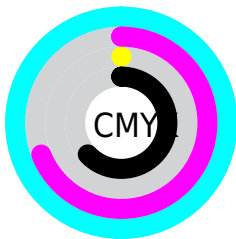
Distribution



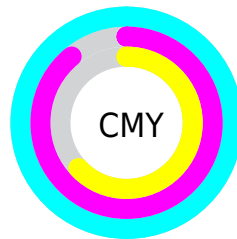
- Red (0%)
- Green (11%)
- Blue (37%)



- Red (0%)
- Yellow (9%)
- Blue (37%)



- Cyan (100%)
- Magenta (69%)
- Yellow (0%)
- Black (63%)



- Cyan (100%)
- Magenta (89%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.0574, 11.3929, -40.9147 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 13.0574, 11.3929, -40.9147 by changing the saturation by 10% instead.

■ 13.0574, 11.3929,
-40.9147

■ 13.0574, 11.3929,
-40.9147

■ 105.0274, 16.0166,
-44.2241

■ 6.5336, 13.0940,
-49.5867

■ 28.1766, 13.2087,
-39.9125

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 37.0659, 13.8991,
-40.3413

0.0000, NaN, NaN

■ 46.7325, 14.4723,
-40.9464

0.0000, NaN, NaN

■ 57.1182, 14.9435,
-41.6194

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.1763, 15.3249,
-42.3063

0.0000, NaN, NaN

■ 79.8683, 15.6260,

0.0000, NaN, NaN

-42.9785

■ 92.1613, 15.8545,
-43.6207

■ 13.0574, 11.3929,
-40.9147

■ 13.0574, 11.3929,
-40.9147

■ 13.0562, 11.3961,
-40.9201

■ 14.5783, 8.8138,
-34.8942

■ 16.2326, 6.4449,
-29.4290

■ 18.0566, 4.4688,
-24.3451

■ 20.0230, 2.8527,
-19.6704

■ 22.1095, 1.5484,
-15.3822

■ 24.2981, 0.5070,
-11.4367

■ 26.5746, -0.3153,
-7.7852

■ 28.9280, -0.9555,
-4.3812

■ 31.3490, -1.4439,
-1.1842

Harmonies

Analogous

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



13.0575, -2.4346, -48.4517



13.0574, 11.3929, -40.9147



13.0575, 25.5379, -19.7038

Triad

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



13.0575, 11.3938, -40.9144



13.0575, 15.6949, 9.1403



13.0575, -18.3377, 2.2971

Complementary

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



13.0574, 11.3929, -40.9147



25.1604, 3.2765, 15.5605

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.



13.0575, -15.6954, 9.1403



13.0574, 11.3929, -40.9147



13.0575, 1.1356, 9.1403

Square

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



13.0575, 11.3938, -40.9144



13.0575, 28.6050, 7.9396



13.0575, -9.5436, 9.1403



13.0575, -16.8487, -13.5285

Rectangle

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



13.0574, 11.3929, -40.9147



13.0575, 31.5204, -6.2406



13.0575, -9.5436, 9.1403



13.0575, -17.9032, 5.1836

Sweetspot

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



13.0575, 11.3938, -40.9144



34.5063, -0.3263, -10.6036



29.2664, -20.4513, 7.5691



16.4902, -0.0258, -5.8146



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



13.0575, 11.3938, -40.9144



16.6147, 16.1588, -55.6490



9.7444, 25.1615, -59.4297



16.2082, -0.7634, -0.4339



15.2719, 14.3554, -50.0778



33.2550, 38.8307, -125.3902

Inverse Universe

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



15.8802, 27.7509, 5.9313



20.7428, 36.1775, 8.3280



31.2837, -13.6629, 19.0372



16.1293, 0.5646, 0.7917



18.9071, 32.9972, 7.4246



43.5384, 75.6704, 19.5323

Previews

White Background



This preview shows how the HunterLab color 13.0574, 11.3929, -40.9147 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



This preview shows how the HunterLab color 13.0574, 11.3929, -40.9147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

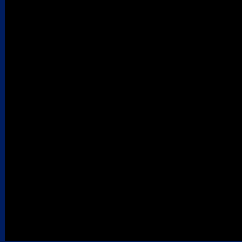
Any Text WCAG AA × Fail

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 13.0574, 11.3929, -40.9147 Background



This preview shows how black text looks on a background with the HunterLab color 13.0574, 11.3929, -40.9147.



This preview shows how white text looks on a background with the HunterLab color 13.0574, 11.3929, -40.9147.

-40.9147.

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

13.0574, 11.3929, -40.9147

Protanopia

13.3032, 2.2250, -21.4310

Deuteranopia

13.2529, -1.3930, -13.5578



Tritanopia

13.2676, -6.6838, -2.1550

Trichromacy



Original Color

13.0574, 11.3929, -40.9147

Protanomaly

13.0265, 5.5251, -28.2092

Deuteranomaly

13.0769, 2.6549, -22.0762

Tritanomaly

12.9265, -1.4790, -12.9643

Monochromacy



Original Color

13.0574, 11.3929, -40.9147

Achromatopsia

10.7760, -0.5750, 0.5855

Achromatomaly

10.9865, 1.6437, -10.7339

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.0574, 11.3929, -40.9147 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(0, 29, 95)` looks like.

```
.text, #text, p{  
    color:rgb(0, 29, 95)  
}
```

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(0, 29, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 29, 95) }
```

Border

The CSS property to change the border of an element to HunterLab 13.0574, 11.3929, -40.9147 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(0, 29, 95) }
```


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

```
.border{ border-color:rgb(0, 29, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 29, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 29, 95); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 29, 95); box-shadow:4px  
4px 4px 4px rgb(0, 29, 95) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.0574, 11.3929, -40.9147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 29, 95) }
```

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

```
.background{ background-color: rgb(0, 29,  
95) }
```

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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