

Converting Colors

HunterLab(13.5265, 24.0959,
-68.9228)

Have a look what the booklet for
HunterLab(13.5265, 24.0959,
-68.9228) contains.

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Color

**HunterLab(13.4974, 24.2931,
-69.3125)**

Conversions

Conversions Part 1

Format	Color
Hex	001378
RGB	0, 19, 120
RGB Percent	0%, 7%, 47%
CMY	0.9999, 0.9255, 0.5294
CMYK	1.00, 0.84, 0.00, 0.53
HSL	231°, 100%, 24%
HSV	231°, 100%, 47%
XYZ	3.6230, 1.8218, 17.9299
YIQ	24.8330, -43.7450, 27.3830

Conversions

Conversions Part 2

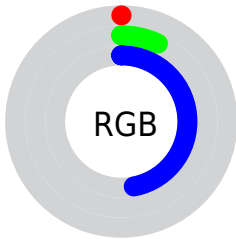
Format	Color
RYB	0, 16, 120
Decimal	4984
CIELab	14.52, 36.71, -57.00
CIELCh	15, 67.797, 302.785
Yxy	1.8218, 0.1550, 0.0779
Android (android.graphics.Color)	4278195064 (0xFF001378)
YUV	24.8330, 46.9173, -21.7785
Hunter-Lab	13.4974, 24.2931, -69.3125

Details

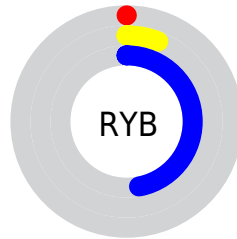
The HunterLab color **13.4974, 24.2931, -69.3125** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **36.4742, -3.1406, 22.4196**, and the grayscale version is **9.6818, -0.5166, 0.5260**.

A 20% lighter version of the original color is **28.6892, 27.9364, -64.5898**, and **6.6498, 18.0375, -47.2495** is the 20% darker color. If you saturate the color by 10%, you get **13.4956, 24.2995, -69.3240**, and if you desaturate by 10%, it is **15.2247, 20.0641, -59.4670**.

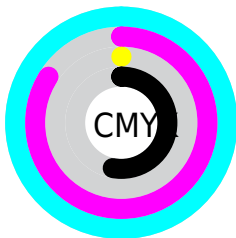
Distribution



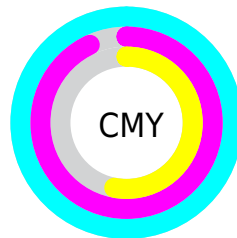
- Red (0%)
- Green (7%)
- Blue (47%)



- Red (0%)
- Yellow (6%)
- Blue (47%)



- Cyan (100%)
- Magenta (84%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (93%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.4974, 24.2931, -69.3125 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 13.4974, 24.2931, -69.3125 by changing the saturation by 10% instead.

■ 13.4974, 24.2931,
-69.3125

■ 13.4974, 24.2931,
-69.3125

■ 105.9052, 35.1903,
-67.3374

■ 7.0761, 25.2344,
-84.9593

■ 28.7439, 27.5185,
-63.8937

0.0000, INF, -NF

0.0000, NaN, -NF

■ 37.6871, 28.9570,
-63.5576

0.0000, NaN, -NF

■ 47.4032, 30.2668,
-63.7809

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.8352, 31.4557,
-64.3004

0.0000, NaN, NaN


■ 68.9367, 32.5336,
-64.9786

0.0000, NaN, NaN

■ 80.6697, 33.5099,

0.0000, NaN, NaN

-65.7384


 93.0018, 34.3930,
-66.5340


 13.4974, 24.2931,
-69.3125


 13.4974, 24.2931,
-69.3125


 13.4956, 24.2995,
-69.3240

 15.2247, 20.0641,
-59.4670

 17.3627, 15.8708,
-49.7016

 19.8830, 12.1499,
-40.5226

 22.7031, 8.9730,
-32.2585

 25.7599, 6.2929,
-24.9151

■ 29.0071, 4.0273,
-18.3756

■ 32.4108, 2.0955,
-12.4978

■ 35.9463, 0.4290,
-7.1514

■ 39.5949, -1.0267,
-2.2277

Harmonies

Analogous

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



13.4974, 1.0424, -94.7496



13.4974, 24.2931, -69.3125



13.4974, 47.3927, -25.5231

Triad

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



13.4974, 24.2949, -69.3125



13.4974, 19.5848, 9.4482



13.4974, -23.6205, -1.0059

Complementary

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



13.4974, 24.2931, -69.3125



36.4742, -3.1406, 22.4196

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.



13.4974, -22.8757, 9.4482



13.4974, 24.2931, -69.3125



13.4974, -2.3981, 9.4482

Square

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



13.4974, 24.2949, -69.3125



13.4974, 43.7977, 9.4482



13.4974, -15.2630, 9.4482



13.4974, -21.8123, -33.1792

Rectangle

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



13.4974, 24.2931, -69.3125



13.4974, 55.4152, -4.2163



13.4974, -15.2630, 9.4482



13.4974, -23.6205, 4.3169

Sweetspot

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



13.4974, 24.2949, -69.3125



42.6400, 2.9572, -17.1305



37.8856, -23.8156, 4.0588



19.9996, 1.8487, -9.6015



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



13.4974, 24.2949, -69.3125



17.5037, 33.6361, -94.4887



13.4450, 33.1049, -69.4953



19.9665, -0.5746, -0.9007



14.0413, 25.5731, -72.7554



29.2753, 60.9516, -168.1687

Inverse Universe

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



20.1007, 34.6530, 11.1757



26.6301, 45.8621, 15.2134



38.9084, -22.0971, 23.5877



20.0610, 0.6785, 1.2975



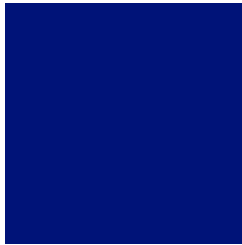
20.9902, 36.1831, 11.7285



45.7519, 78.6855, 26.9750

Previews

White Background



This preview shows how the HunterLab color 13.4974, 24.2931, -69.3125 looks on a white background.

Color Contrast Check

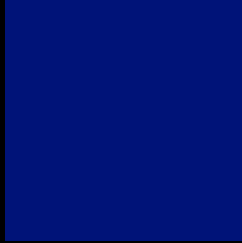
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.4974, 24.2931, -69.3125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

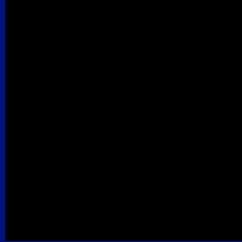
Any Text WCAG AA × Fail

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 13.4974, 24.2931, -69.3125 Background



This preview shows how black text looks on a background with the HunterLab color 13.4974, 24.2931, -69.3125.



This preview shows how white text looks on a background with the HunterLab color 13.4974, 24.2931, -69.3125.

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

13.4974, 24.2931, -69.3125

Protanopia

13.9669, 2.4526, -22.7519

Deuteranopia

13.8666, -1.4574, -14.1859



Tritanopia

13.8464, -6.9884, -2.2209

Trichromacy



Original Color

13.4974, 24.2931, -69.3125

Protanomaly

13.3721, 10.1090, -38.5364

Deuteranomaly

13.0572, 7.1736, -31.8061

Tritanomaly

12.6962, 2.2692, -20.7676

Monochromacy



Original Color

13.4974, 24.2931, -69.3125

Achromatopsia

9.8596, -0.5261, 0.5357

Achromatomaly

10.2430, 5.3511, -18.3395

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.4974, 24.2931, -69.3125 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, 19, 120)` looks like.

```
.text, #text, p{  
    color:rgb(0, 19, 120)  
}
```

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, 19, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 19, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 13.4974, 24.2931, -69.3125 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, 19, 120) }
```


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

```
.border{ border-color:rgb(0, 19, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 19, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 19, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 19, 120);  
box-shadow:4px 4px 4px 4px rgb(0, 19, 120)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.4974, 24.2931, -69.3125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 19, 120) }
```

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

```
.background{ background-color: rgb(0, 19,  
120) }
```

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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