

Converting Colors

HunterLab(14.8632, 28.6159,
-80.3512)

Have a look what the booklet for
HunterLab(14.8632, 28.6159,
-80.3512) contains.

HunterLab(14.9048, 28.4459, -80.0364)	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(14.9048, 28.4459,
-80.0364)**

Conversions

Conversions Part 1

Format	Color
Hex	001486
RGB	0, 20, 134
RGB Percent	0%, 8%, 53%
CMY	0.9999, 0.9216, 0.4745
CMYK	1.00, 0.85, 0.00, 0.47
HSL	231°, 100%, 26%
HSV	231°, 100%, 53%
XYZ	4.5532, 2.2215, 22.7430
YIQ	27.0160, -48.5140, 31.2140

Conversions

Conversions Part 2

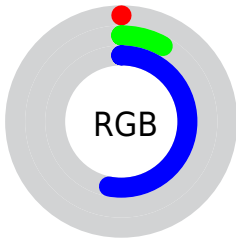
Format	Color
RYB	0, 17, 134
Decimal	5254
CIELab	16.61, 41.04, -62.44
CIELCh	17, 74.720, 303.312
Yxy	2.2215, 0.1543, 0.0753
Android (android.graphics.Color)	4278195334 (0xFF001486)
YUV	27.0160, 52.7431, -23.6930
Hunter-Lab	14.9048, 28.4459, -80.0364

Details

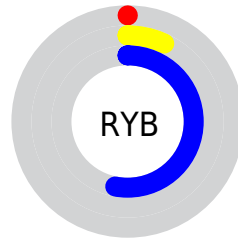
The HunterLab color **14.9048, 28.4459, -80.0364** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **41.3615, -3.9746, 25.4165**, and the grayscale version is **10.3293, -0.5511, 0.5612**.

A 20% lighter version of the original color is **30.6044, 31.5537, -72.7604**, and **7.9027, 21.4362, -56.1523** is the 20% darker color. If you saturate the color by 10%, you get **14.9027, 28.4538, -80.0506**, and if you desaturate by 10%, it is **16.7658, 23.6349, -69.0154**.

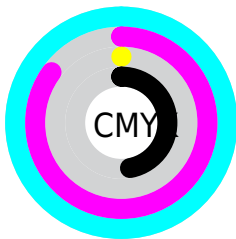
Distribution



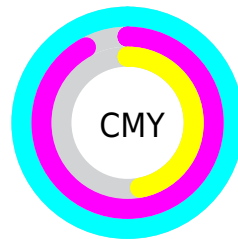
- Red (0%)
- Green (8%)
- Blue (53%)



- Red (0%)
- Yellow (7%)
- Blue (53%)



- Cyan (100%)
- Magenta (85%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (92%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.9048, 28.4459, -80.0364 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 14.9048, 28.4459, -80.0364 by changing the saturation by 10% instead.

■ 14.9048, 28.4459,
-80.0364

■ 14.9048, 28.4459,
-80.0364

■ 108.6672, 40.5641,
-76.4212

■ 8.5539, 27.1773,
-92.4396

■ 30.5427, 31.8989,
-73.5241

0.0000, INF, -NF

0.0000, NaN, -NF

■ 39.6527, 33.4749,
-72.9162

0.0000, NaN, -NF

■ 49.5225, 34.9275,
-72.9727

0.0000, NaN, -NF

■ 60.0976, 36.2611,
-73.3961

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.3338, 37.4835,
-74.0275

0.0000, NaN, NaN

■ 83.1943, 38.6030,

0.0000, NaN, NaN

-74.7755

■ 95.6478, 39.6275,
-75.5849

■ 14.9048, 28.4459,
-80.0364

■ 14.9048, 28.4459,
-80.0364

■ 14.9027, 28.4538,
-80.0506

■ 16.7658, 23.6349,
-69.0154

■ 19.1443, 18.7759,
-57.7255

■ 21.9862, 14.4197,
-47.0219

■ 25.1898, 10.6878,
-37.3777

■ 28.6770, 7.5369,
-28.8286

■ 32.3906, 4.8728,
-21.2407

■ 36.2893, 2.5996,
-14.4428

■ 40.3430, 0.6360,
-8.2765

■ 44.5295, -1.0828,
-2.6107

Harmonies

Analogous

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



14.9048, 1.6064, -110.7752



14.9048, 28.4459, -80.0364



14.9048, 55.0595, -28.7491

Triad

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



14.9048, 28.4480, -80.0365



14.9048, 21.9850, 10.4334



14.9048, -26.0835, -1.5799

Complementary

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



14.9048, 28.4459, -80.0364



41.3615, -3.9746, 25.4165

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.



14.9048, -24.6708, 10.4334



14.9048, 28.4459, -80.0364



14.9048, -3.0554, 10.4334

Square

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



14.9048, 28.4480, -80.0365



14.9048, 50.0950, 10.4334



14.9048, -17.1504, 10.4334



14.9048, -23.4086, -39.3775

Rectangle

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



14.9048, 28.4459, -80.0364



14.9048, 64.1273, -4.3834



14.9048, -17.1504, 10.4334



14.9048, -26.0835, 4.6232

Sweetspot

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



14.9048, 28.4480, -80.0365



47.8140, 3.6398, -19.7497



42.7353, -26.5143, 3.8228



21.8081, 2.2190, -10.8629



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



14.9048, 28.4480, -80.0365



19.4039, 39.1568, -108.7815



15.2442, 37.3904, -77.6737



21.5603, -0.5870, -1.0268



14.4644, 27.4088, -77.2470



1.1766, 0.6867, -2.9531

Inverse Universe

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



22.6257, 38.9660, 12.8901



30.0064, 51.6333, 17.4792



43.6825, -25.5061, 26.4697



21.6776, 0.7554, 1.4273



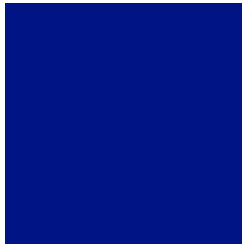
21.9047, 37.7333, 12.4426



1.3149, 2.3151, 0.3584

Previews

White Background



This preview shows how the HunterLab color 14.9048, 28.4459, -80.0364 looks on a white background.

Color Contrast Check

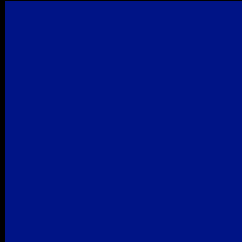
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9048, 28.4459, -80.0364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

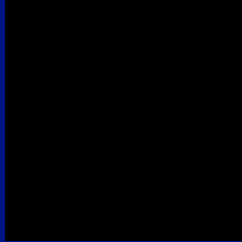
Any Text WCAG AA × Fail

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 14.9048, 28.4459, -80.0364 Background



This preview shows how black text looks on a background with the HunterLab color 14.9048, 28.4459, -80.0364.



This preview shows how white text looks on a background with the HunterLab color 14.9048, 28.4459, -80.0364.

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

14.9048, 28.4459, -80.0364

Protanopia

15.3103, 2.9168, -25.4330

Deuteranopia

15.3987, -1.7420, -15.4866



Tritanopia

15.3108, -7.7593, -2.3869

Trichromacy



Original Color

14.9048, 28.4459, -80.0364

Protanomaly

14.6408, 11.8166, -43.8085

Deuteranomaly

14.5130, 8.3293, -36.1205

Tritanomaly

14.0723, 3.0042, -24.0743

Monochromacy



Original Color

14.9048, 28.4459, -80.0364

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.7972, 6.5838, -21.5349

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.9048, 28.4459, -80.0364 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, 20, 134)` looks like.

```
.text, #text, p{  
    color:rgb(0, 20, 134)  
}
```

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, 20, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 20, 134) }
```

Border

The CSS property to change the border of an element to HunterLab 14.9048, 28.4459, -80.0364 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, 20, 134) }
```


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

```
.border{ border-color:rgb(0, 20, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 20, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 20, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 20, 134);  
box-shadow:4px 4px 4px 4px rgb(0, 20, 134)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 14.9048, 28.4459, -80.0364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 20, 134) }
```

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

```
.background{ background-color: rgb(0, 20,  
134) }
```

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