

Converting Colors

HunterLab(47.9679, 15.1124,
-87.1162)

Have a look what the booklet for
HunterLab(47.9679, 15.1124,
-87.1162) contains.

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Color

**HunterLab(48.0934, 14.8735,
-86.7380)**

Conversions

Conversions Part 1

Format	Color
Hex	2980FF
RGB	41, 128, 255
RGB Percent	16%, 50%, 100%
CMY	0.8391, 0.4980, 0.0000
CMYK	0.84, 0.50, 0.00, 0.00
HSL	216°, 100%, 58%
HSV	216°, 84%, 100%
XYZ	26.6836, 23.1298, 97.6658
YIQ	116.4650, -92.6190, 21.0530

Conversions

Conversions Part 2

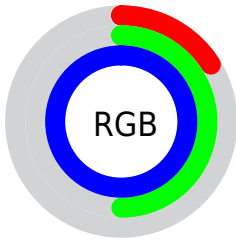
Format	Color
R _Y B	41, 103, 255
Decimal	2719999
CIE Lab	55.21, 20.48, -70.11
CIE LCh	55, 73.041, 286.280
Yxy	23.1303, 0.1809, 0.1568
Android (android.graphics.Color)	4280910079 (0xFF2980FF)
YUV	116.4650, 68.2978, -66.1828
Hunter-Lab	48.0934, 14.8735, -86.7380

Details

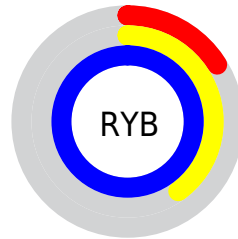
The HunterLab color **48.0934, 14.8735, -86.7380** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **70.3093, 18.2356, 41.8727**, and the grayscale version is **41.7435, -2.2273, 2.2680**.

A 20% lighter version of the original color is **66.3879, -1.8005, -43.6164**, and **31.2547, 19.2449, -80.6098** is the 20% darker color. If you saturate the color by 10%, you get **43.7107, 22.1095, -101.0062**, and if you desaturate by 10%, it is **52.9925, 8.9045, -73.0411**.

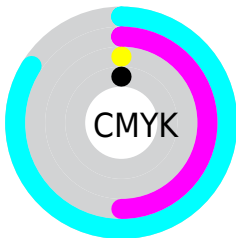
Distribution



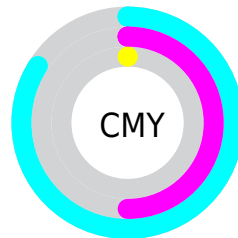
- Red (16%)
- Green (50%)
- Blue (100%)



- Red (16%)
- Yellow (40%)
- Blue (100%)



- Cyan (84%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (84%)
- Magenta (50%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.0934, 14.8735, -86.7380 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 48.0934, 14.8735, -86.7380 by changing the saturation by 10% instead.

■ 48.0934, 14.8735,
-86.7380

■ 48.0934, 14.8735,
-86.7380

163.8273, 16.5517,
-93.0062

■ 38.3272, 14.2983,
-87.2528

■ 69.7189, 15.7371,
-87.2374

■ 29.3291, 13.6059,
-88.8174

■ 81.4938, 16.0439,
-87.8740

■ 21.1719, 12.7788,
-92.3822

■ 93.8658, 16.2783,
-88.6373

■ 13.9533, 11.7944,
-100.2747

■ 106.8073, 16.4466,
-89.4741

■ 7.5919, 11.7518,
-123.7140

■ 120.2943, 16.5541,
-90.3492

0.0000, NaN, -NF

0.0000, NaN, -NF

134.3056, 16.6050,

-91.2395

0.0000, NaN, -NF

148.8223, 16.6031,
-92.1288

0.0000, NaN, -NF

■ 48.0934, 14.8735,
-86.7380

■ 48.0934, 14.8735,
-86.7380

■ 43.7107, 22.1095,
-101.0062

■ 52.9925, 8.9045,
-73.0411

■ 41.2925, 27.0131,
-109.9256

■ 58.3459, 4.1729,
-60.1131

■ 64.0944, 0.5642,
-48.0117

■ 70.1848, -2.0672,
-36.7103

■ 76.5725, -3.8653,
-26.1388

■ 83.2201, -4.9592,
-16.2100

■ 90.0972, -5.4590,
-6.8363

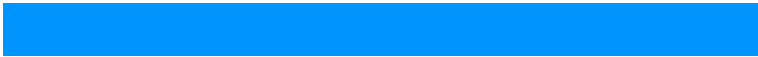
■ 97.1785, -5.4565,
2.0639

■ 100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



48.0940, -15.6203, -88.3243



48.0934, 14.8735, -86.7380



48.0940, 47.1886, -53.5884

Triad

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



48.0940, 14.8749, -86.7362



48.0940, 44.6777, 27.9153



48.0940, -47.0852, 13.9940

Complementary

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



48.0934, 14.8735, -86.7380



70.3093, 18.2356, 41.8727

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.



48.0940, -37.8441, 27.3276



48.0934, 14.8735, -86.7380



48.0940, 12.0426, 31.3319

Square

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



48.0940, 14.8749, -86.7362



48.0940, 67.0955, 15.7054



48.0940, -17.8336, 31.2160



48.0940, -46.6858, -15.6512

Rectangle

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



48.0934, 14.8735, -86.7380



48.0940, 63.2272, -25.4348



48.0940, -17.8336, 31.2160



48.0940, -45.1254, 20.0004

Sweetspot

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



48.0940, 14.8749, -86.7362



82.4855, -4.8708, -17.2615



86.4519, -61.3843, 27.5066



37.0724, -2.0985, -9.5787

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.0940, 14.8749, -86.7362



41.2925, 27.0131, -109.9256



31.1975, 63.4912, -159.4639



43.1162, -2.5515, -1.3229



30.3057, 18.4539, -77.7163



10.4989, 3.4876, -20.6514

Inverse Universe

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



49.4024, 79.4993, 7.3238



47.1725, 82.8880, 14.1738



94.7174, -31.6844, 56.4952



42.5552, 2.3532, 1.5363



34.1396, 60.0653, 9.6556



10.7509, 19.1013, 1.5975

Previews

White Background



This preview shows how the HunterLab color 48.0934, 14.8735, -86.7380 looks on a white background.

Color Contrast Check

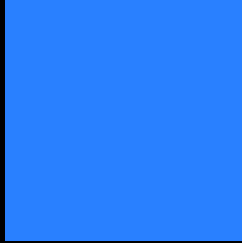
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 48.0934, 14.8735, -86.7380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

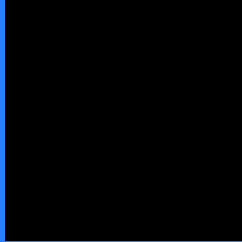
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

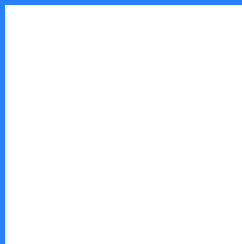
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 48.0934, 14.8735, -86.7380 Background



This preview shows how black text looks on a background with the HunterLab color 48.0934, 14.8735, -86.7380.



This preview shows how white text looks on a background with the HunterLab color 48.0934, 14.8735, -86.7380.

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

48.0934, 14.8735, -86.7380

Protanopia

48.1407, 16.2732, -85.5330

Deuteranopia

47.9486, 3.1140, -66.6538



Tritanopia

47.9146, -23.2027, -9.8011

Trichromacy



Original Color

48.0934, 14.8735, -86.7380

Protanomaly

47.9982, 15.8329, -85.9712

Deuteranomaly

47.9738, 7.1129, -74.1337

Tritanomaly

47.2996, -11.2831, -33.5626

Monochromacy



Original Color

48.0934, 14.8735, -86.7380

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

42.8332, -0.7323, -24.2248

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.0934, 14.8735, -86.7380 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(41, 128, 255)` looks like.

```
.text, #text, p{  
    color:rgb(41, 128, 255)  
}
```

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(41, 128, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 128, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 48.0934, 14.8735, -86.7380 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(41, 128, 255) }
```


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

```
.border{ border-color:rgb(41, 128, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 128, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 128, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 128, 255);  
box-shadow:4px 4px 4px 4px rgb(41, 128,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.0934, 14.8735, -86.7380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 128, 255) }
```

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

```
.background{ background-color: rgb(41, 128,  
255) }
```

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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