

Converting Colors

HunterLab(41.7869, -14.3044,
-20.3986)

Have a look what the booklet for
HunterLab(41.7869, -14.3044,
-20.3986) contains.

HunterLab(41.7869, -14.3044, -20.3986)	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(41.7869,
-14.3044, -20.3986)**

Conversions

Conversions Part 1

Format	Color
Hex	0B7E9E
RGB	11, 126, 158
RGB Percent	4%, 49%, 62%
CMY	0.9568, 0.5059, 0.3804
CMYK	0.93, 0.20, 0.00, 0.38
HSL	193°, 87%, 33%
HSV	193°, 93%, 62%
XYZ	13.7704, 17.4615, 34.9923
YIQ	95.2630, -78.8120, -14.4280

Conversions

Conversions Part 2

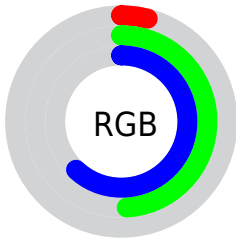
Format	Color
R_{YB}	11, 76, 158
Decimal	753310
CIE _{Lab}	48.84, -16.86, -25.21
CIE _{LCh}	49, 30.325, 236.223
Yxy	17.4621, 0.2079, 0.2637
Android (android.graphics.Color)	4278943390 (0xFF0B7E9E)
YUV	95.2630, 30.9293, -73.8987
Hunter-Lab	41.7869, -14.3044, -20.3986

Details

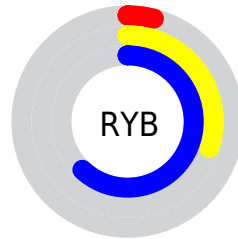
The HunterLab color **41.7869, -14.3044, -20.3986** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **30.0381, 36.7244, 18.5259**, and the grayscale version is **33.8389, -1.8056, 1.8385**.

A 20% lighter version of the original color is **62.6242, -17.3933, -21.3149**, and **25.1960, -6.8612, -16.6813** is the 20% darker color. If you saturate the color by 10%, you get **40.9685, -13.6187, -21.8082**, and if you desaturate by 10%, it is **43.0306, -15.0404, -18.3190**.

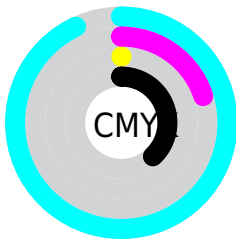
Distribution



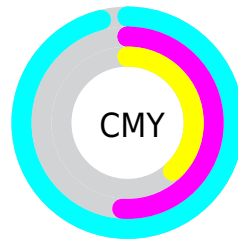
- Red (4%)
- Green (49%)
- Blue (62%)



- Red (4%)
- Yellow (30%)
- Blue (62%)



- Cyan (93%)
- Magenta (20%)
- Yellow (0%)
- Black (38%)



- Cyan (96%)
- Magenta (51%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.7869, -14.3044, -20.3986 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 41.7869, -14.3044, -20.3986 by changing the saturation by 10% instead.

41.7869, -14.3044,
-20.3986

41.7869, -14.3044,
-20.3986

154.2145,
-27.5679, -22.5523

32.5030, -12.7142,
-19.8849

62.5448, -17.3511,
-21.2734

24.0308, -11.0496,
-19.3529

73.9231, -18.8348,
-21.6233

16.4579, -9.2676,
-18.8792

85.9182, -20.3032,
-21.9141

9.9075, -8.0001,
-18.7078

98.4999, -21.7617,
-22.1474

0.0000, NaN, -NF

0.0000, NaN, -NF

111.6421,
-23.2146, -22.3255

0.0000, NaN, NaN

125.3218,

0.0000, NaN, NaN

-24.6650, -22.4508

0.0000, NaN, NaN

139.5187,
-26.1155, -22.5256

■ 41.7869, -14.3044,
-20.3986

■ 41.7869, -14.3044,
-20.3986

■ 40.9685, -13.6187,
-21.8082

■ 43.0306, -15.0404,
-18.3190

■ 44.4036, -15.3025,
-16.0995

■ 45.9129, -15.0682,
-13.7454

■ 47.5604, -14.3374,
-11.2704

■ 49.3447, -13.1251,
-8.6916

■ 51.2622, -11.4566,
-6.0269

■ 53.3081, -9.3633,
-3.2937

■ 55.4765, -6.8800,
-0.5077

■ 57.7613, -4.0422,
2.3173

Harmonies

Analogous

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



41.7876, -20.9853, -8.6356



41.7869, -14.3044, -20.3986



41.7876, -3.7412, -26.0964

Triad

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



41.7876, -14.3041, -20.3978



41.7876, 23.3799, 0.8026



41.7876, -11.9486, 17.5652

Complementary

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



41.7869, -14.3044, -20.3986



30.0381, 36.7244, 18.5259

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.



41.7876, -0.7009, 18.7863



41.7869, -14.3044, -20.3986



41.7876, 20.5520, 10.8591

Square

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



41.7876, -14.3041, -20.3978



41.7876, 18.7335, -11.8642



41.7876, 11.3883, 16.7176



41.7876, -19.7369, 12.7319

Rectangle

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



41.7869, -14.3044, -20.3986



41.7876, 4.4133, -24.7726



41.7876, 11.3883, 16.7176



41.7876, -8.4862, 18.3405

Sweetspot

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



41.7876, -14.3041, -20.3978



70.2930, -14.2444, -6.4835



49.6978, -41.0010, 27.1941



32.8489, -7.2841, -3.7901



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



41.7876, -14.3041, -20.3978



54.9328, -17.9704, -29.8682



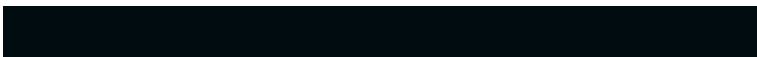
22.4856, 20.7281, -71.0771



26.9522, -2.7985, 0.2655



36.7445, -12.2992, -19.3769



5.4547, -2.3638, -1.7152

Inverse Universe

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



30.0258, 54.3834, -19.5238



39.7422, 74.5859, -24.9097



44.5722, 3.8874, 27.1110



25.9419, 1.6817, -0.1716



26.4295, 49.6632, -17.0436



3.6134, 6.9205, -3.3433

Previews

White Background



This preview shows how the HunterLab color 41.7869, -14.3044, -20.3986 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 × Fail

Black Background



This preview shows how the HunterLab color 41.7869, -14.3044, -20.3986 looks on a black 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

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

HunterLab 41.7869, -14.3044, -20.3986 Background



This preview shows how black text looks on a background with the HunterLab color 41.7869, -14.3044, -20.3986.



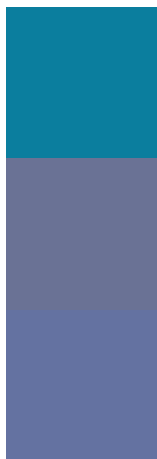
This preview shows how white text looks on a background with the HunterLab color 41.7869,

-14.3044, -20.3986.

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

41.7869, -14.3044, -20.3986

Protanopia

41.5557, 1.9581, -14.9275

Deuteranopia

41.6139, 3.1238, -22.3435



Tritanopia

41.5612, -19.8767, -9.0397

Trichromacy



Original Color

41.7869, -14.3044, -20.3986

Protanomaly

40.6982, -6.5536, -18.3126

Deuteranomaly

40.8948, -5.1875, -23.1092

Tritanomaly

41.5318, -17.8810, -12.9635

Monochromacy



Original Color

41.7869, -14.3044, -20.3986

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

35.6456, -9.6073, -6.7121

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.7869, -14.3044, -20.3986 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(11, 126, 158)` looks like.

```
.text, #text, p{  
    color:rgb(11, 126, 158)  
}
```

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(11, 126, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 126, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 41.7869, -14.3044, -20.3986 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(11, 126, 158) }
```


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

```
.border{ border-color:rgb(11, 126, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 126, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 126, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 126, 158);  
box-shadow:4px 4px 4px 4px rgb(11, 126,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.7869, -14.3044, -20.3986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 126, 158) }
```

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

```
.background{ background-color: rgb(11, 126,  
158) }
```

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