

Converting Colors

HunterLab(34.9735, -14.6133,
-12.1679)

Have a look what the booklet for
HunterLab(34.9735, -14.6133,
-12.1679) contains.

HunterLab(34.9735, -14.6133, -12.1679)	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(34.9735,
-14.6133, -12.1679)**

Conversions

Conversions Part 1

Format	Color
Hex	006C7E
RGB	0, 108, 126
RGB Percent	0%, 42%, 49%
CMY	0.9999, 0.5765, 0.5059
CMYK	1.00, 0.14, 0.00, 0.51
HSL	189°, 100%, 25%
HSV	189°, 100%, 49%
XYZ	9.1284, 12.2315, 21.6184
YIQ	77.7600, -70.1460, -17.2980

Conversions

Conversions Part 2

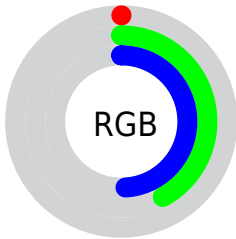
Format	Color
RYB	0, 58, 126
Decimal	27774
CIELab	41.58, -19.22, -17.40
CIELCh	42, 25.925, 222.150
Yxy	12.2319, 0.2124, 0.2846
Android (android.graphics.Color)	4278217854 (0xFF006C7E)
YUV	77.7600, 23.7823, -68.1955
Hunter-Lab	34.9735, -14.6133, -12.1679

Details

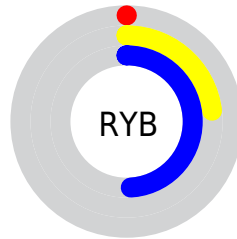
The HunterLab color **34.9735, -14.6133, -12.1679** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **22.0654, 32.7432, 14.1686**, and the grayscale version is **27.4526, -1.4648, 1.4916**.

A 20% lighter version of the original color is **54.8257, -18.0280, -12.6528**, and **19.4102, -6.7891, -9.6052** is the 20% darker color. If you saturate the color by 10%, you get **34.9733, -14.6128, -12.1686**, and if you desaturate by 10%, it is **35.6344, -14.8688, -11.1449**.

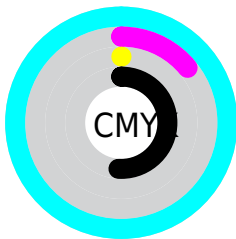
Distribution



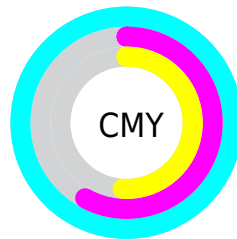
- Red (0%)
- Green (42%)
- Blue (49%)



- Red (0%)
- Yellow (23%)
- Blue (49%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (58%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.9735, -14.6133, -12.1679 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 34.9735, -14.6133, -12.1679 by changing the saturation by 10% instead.

34.9735, -14.6133,
-12.1679

34.9735, -14.6133,
-12.1679

143.5042,
-29.0736, -12.5199

26.2713, -12.7966,
-11.8097

54.6962, -18.0203,
-12.6699

18.4412, -10.8526,
-11.3904

65.6051, -19.6541,
-12.8188

11.5947, -8.7519,
-10.9556

77.1560, -21.2588,
-12.9048

4.1854, -7.3244,
-18.0112

89.3150, -22.8426,
-12.9318

0.0000, NaN, -NF

0.0000, NaN, NaN

102.0531,
-24.4118, -12.9036

0.0000, NaN, NaN

115.3450,

0.0000, NaN, NaN

-25.9711, -12.8236

0.0000, NaN, NaN

129.1686,
-27.5241, -12.6948

■ 34.9735, -14.6133,
-12.1679

■ 34.9735, -14.6133,
-12.1679

■ 34.9733, -14.6128,
-12.1686

■ 35.6344, -14.8688,
-11.1449

■ 36.3544, -14.9008,
-10.0513

■ 37.1686, -14.5784,
-8.8388

■ 38.0824, -13.8863,
-7.5081

■ 39.0983, -12.8224,
-6.0650

■ 40.2167, -11.3951,
-4.5184

■ 41.4367, -9.6201,
-2.8789

■ 42.7559, -7.5184,
-1.1578

■ 44.1712, -5.1144,
0.6335

Harmonies

Analogous

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



34.9741, -18.2521, -2.0273



34.9735, -14.6133, -12.1679



34.9741, -7.3869, -19.4638

Triad

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



34.9741, -14.6132, -12.1673



34.9741, 17.6484, -3.9636



34.9741, -5.6959, 15.1565

Complementary

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



34.9735, -14.6133, -12.1679



22.0654, 32.7432, 14.1686

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.



34.9741, 4.0159, 14.9017



34.9735, -14.6133, -12.1679



34.9741, 18.2283, 5.4255

Square

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



34.9741, -14.6132, -12.1673



34.9741, 11.5046, -13.9123



34.9741, 13.0122, 11.8148



34.9741, -13.4914, 12.6422

Rectangle

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



34.9735, -14.6133, -12.1679



34.9741, -1.1678, -20.7848



34.9741, 13.0122, 11.8148



34.9741, -2.5627, 15.3677

Sweetspot

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



34.9741, -14.6132, -12.1673



54.8552, -12.9460, -3.9785



38.6806, -32.7997, 22.4593



25.8911, -6.5794, -2.2591



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



34.9741, -14.6132, -12.1673



46.2318, -19.1688, -16.4057



18.6466, 12.8525, -51.0482



21.8757, -2.4146, 0.3920



35.4167, -14.7924, -12.3352

0.0000, NaN, NaN

Inverse Universe

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



23.4920, 44.8358, -20.5469



31.1411, 59.3991, -26.9236



31.8507, 8.4797, 19.7739



20.9814, 1.3333, -0.2704



23.7924, 45.4115, -20.7984

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 34.9735, -14.6133, -12.1679 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 34.9735, -14.6133, -12.1679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

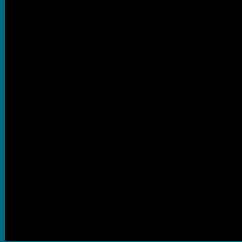
Any Text WCAG AA × Fail

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 34.9735, -14.6133, -12.1679 Background



This preview shows how black text looks on a background with the HunterLab color 34.9735, -14.6133, -12.1679.



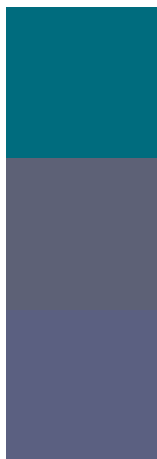
This preview shows how white text looks on a background with the HunterLab color 34.9735,

-14.6133, -12.1679.

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

34.9735, -14.6133, -12.1679

Protanopia

34.9064, 0.5792, -7.5930

Deuteranopia

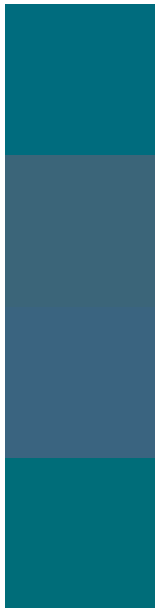
34.8925, 2.6784, -13.7434



Tritanopia

34.9933, -16.6625, -7.7690

Trichromacy



Original Color

34.9735, -14.6133, -12.1679

Protanomaly

34.0847, -7.7577, -10.5989

Deuteranomaly

34.0182, -6.0191, -14.7369

Tritanomaly

35.0967, -16.0533, -9.2133

Monochromacy



Original Color

34.9735, -14.6133, -12.1679

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

29.4093, -9.2631, -3.8667

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.9735, -14.6133, -12.1679 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, 108, 126)` looks like.

```
.text, #text, p{  
    color:rgb(0, 108, 126)  
}
```

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, 108, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 108, 126) }
```

Border

The CSS property to change the border of an element to HunterLab 34.9735, -14.6133, -12.1679 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, 108, 126) }
```


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

```
.border{ border-color:rgb(0, 108, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 108, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 108, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 108, 126);  
box-shadow:4px 4px 4px 4px rgb(0, 108,  
126) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.9735, -14.6133, -12.1679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 108, 126) }
```

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

```
.background{ background-color: rgb(0, 108,  
126) }
```

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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