

Converting Colors

HunterLab(34.8847, -10.5239,
-19.9622)

Have a look what the booklet for
HunterLab(34.8847, -10.5239,
-19.9622) contains.

HunterLab(34.9717, -10.5325, -20.0462)	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(34.9717,
-10.5325, -20.0462)**

Conversions

Conversions Part 1

Format	Color
Hex	096A8B
RGB	9, 106, 139
RGB Percent	4%, 42%, 55%
CMY	0.9646, 0.5843, 0.4549
CMYK	0.94, 0.24, 0.00, 0.45
HSL	195°, 88%, 29%
HSV	195°, 94%, 55%
XYZ	9.9269, 12.2302, 26.2635
YIQ	80.7590, -68.4050, -10.3010

Conversions

Conversions Part 2

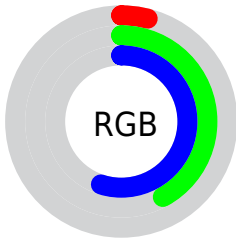
Format	Color
R _Y B	9, 65, 139
Decimal	617099
CIE Lab	41.58, -12.72, -25.22
CIE LCh	42, 28.248, 243.234
Yxy	12.2306, 0.2050, 0.2526
Android (android.graphics.Color)	4278807179 (0xFF096A8B)
YUV	80.7590, 28.7128, -62.9326
Hunter-Lab	34.9717, -10.5325, -20.0462

Details

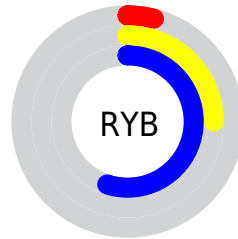
The HunterLab color **34.9717, -10.5325, -20.0462** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **26.7694, 30.0068, 16.4469**, and the grayscale version is **28.5171, -1.5216, 1.5494**.

A 20% lighter version of the original color is **54.6343, -12.8236, -21.3106**, and **19.6194, -3.6992, -16.5370** is the 20% darker color. If you saturate the color by 10%, you get **34.2151, -9.8895, -21.4173**, and if you desaturate by 10%, it is **36.1884, -11.3554, -17.9189**.

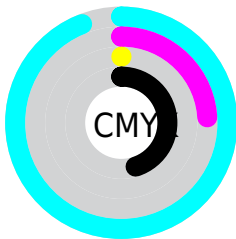
Distribution



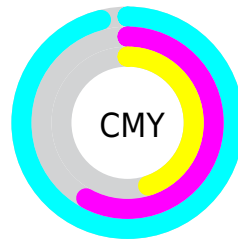
- Red (4%)
- Green (42%)
- Blue (55%)



- Red (4%)
- Yellow (25%)
- Blue (55%)



- Cyan (94%)
- Magenta (24%)
- Yellow (0%)
- Black (45%)



- Cyan (96%)
- Magenta (58%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.9717, -10.5325, -20.0462 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 34.9717, -10.5325, -20.0462 by changing the saturation by 10% instead.

■ 34.9717, -10.5325,
-20.0462

■ 34.9717, -10.5325,
-20.0462

■ 143.5013,
-21.9814, -22.5578

■ 26.2696, -9.1932,
-19.5140

■ 54.6941, -13.1142,
-20.9992

■ 18.4397, -7.7922,
-19.0110

■ 65.6029, -14.3815,
-21.3928

■ 11.5934, -6.2822,
-18.7113

■ 77.1536, -15.6428,
-21.7268

■ 4.1827, -7.3198,
-30.1117

■ 89.3125, -16.9026,
-22.0020

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 102.0505,
-18.1642, -22.2204

0.0000, NaN, NaN

■ 115.3423,

0.0000, NaN, NaN

-19.4301, -22.3842

0.0000, NaN, NaN

129.1658,
-20.7020, -22.4959

■ 34.9717, -10.5325,
-20.0462

■ 34.9717, -10.5325,
-20.0462

■ 34.2151, -9.8895,
-21.4173

■ 36.1884, -11.3554,
-17.9189

■ 37.5200, -11.7654,
-15.6853

■ 38.9710, -11.7479,
-13.3538

■ 40.5414, -11.3073,
-10.9390

■ 42.2285, -10.4604,
-8.4573

■ 44.0283, -9.2316,
-5.9248

■ 45.9358, -7.6495,
-3.3559

■ 47.9452, -5.7445,
-0.7631

■ 50.0508, -3.5469,
1.8436

Harmonies

Analogous

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



34.9723, -17.2518, -10.3914



34.9717, -10.5325, -20.0462



34.9723, -0.7178, -23.3221

Triad

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



34.9723, -10.5322, -20.0455



34.9723, 20.7451, 2.9734



34.9723, -12.2930, 14.4916

Complementary

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



34.9717, -10.5325, -20.0462



26.7694, 30.0068, 16.4469

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.



34.9723, -3.0034, 16.1966



34.9717, -10.5325, -20.0462



34.9723, 16.7426, 10.9044

Square

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



34.9723, -10.5322, -20.0455



34.9723, 18.1214, -7.9355



34.9723, 7.7318, 15.1096



34.9723, -18.1807, 9.5183

Rectangle

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



34.9717, -10.5325, -20.0462



34.9723, 6.4883, -20.8399



34.9723, 7.7318, 15.1096



34.9723, -9.5065, 15.3862

Sweetspot

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



34.9723, -10.5322, -20.0455



60.1532, -11.3724, -6.2483



43.2288, -35.3707, 23.0760



28.4072, -5.8345, -3.6350



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



34.9723, -10.5322, -20.0455



45.4864, -12.8043, -29.2132



18.8255, 20.0018, -64.9793



23.4036, -2.3087, 0.1790



32.5484, -9.4570, -20.2677



3.0624, -1.3231, -0.9716

Inverse Universe

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



25.9334, 46.4841, -14.3813



34.0316, 63.4272, -17.9089



39.9015, 1.3157, 24.2253



22.6001, 1.3666, -0.0231



24.1944, 45.1518, -13.1892



2.0310, 3.8887, -1.8703

Previews

White Background



This preview shows how the HunterLab color 34.9717, -10.5325, -20.0462 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 34.9717, -10.5325, -20.0462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

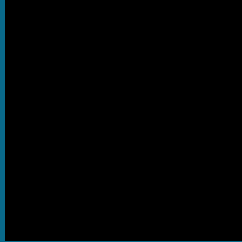
Any Text WCAG AA × Fail

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 34.9717, -10.5325, -20.0462 Background



This preview shows how black text looks on a background with the HunterLab color 34.9717, -10.5325, -20.0462.



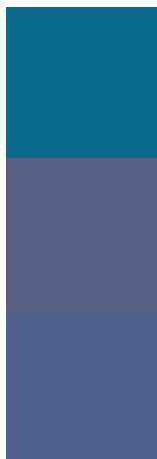
This preview shows how white text looks on a background with the HunterLab color 34.9717, -10.5325, -20.0462.

-10.5325, -20.0462.

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

34.9717, -10.5325, -20.0462

Protanopia

35.0572, 2.1130, -15.2803

Deuteranopia

34.9597, 2.5202, -21.1507



Tritanopia

34.9595, -16.8621, -7.2958

Trichromacy



Original Color

34.9717, -10.5325, -20.0462

Protanomaly

34.3415, -4.3048, -18.4881

Deuteranomaly

34.3803, -3.7481, -21.6680

Tritanomaly

34.9645, -14.7216, -11.6132

Monochromacy



Original Color

34.9717, -10.5325, -20.0462

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

30.1394, -7.5557, -6.2888

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.9717, -10.5325, -20.0462 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(9, 106, 139)` looks like.

```
.text, #text, p{  
    color:rgb(9, 106, 139)  
}
```

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(9, 106, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 106, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 34.9717, -10.5325, -20.0462 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(9, 106, 139) }
```


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

```
.border{ border-color:rgb(9, 106, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 106, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 106, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 106, 139);  
box-shadow:4px 4px 4px 4px rgb(9, 106,  
139) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.9717, -10.5325, -20.0462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 106, 139) }
```

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

```
.background{ background-color: rgb(9, 106,  
139) }
```

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