

Converting Colors

HunterLab(23.4230, -16.7838,
-14.5833)

Have a look what the booklet for
HunterLab(23.4230, -16.7838,
-14.5833) contains.

HunterLab(25.4068, -9.6590, -10.9052)	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(25.4068, -9.6590,
-10.9052)**

Conversions

Conversions Part 1

Format	Color
Hex	004F61
RGB	0, 79, 97
RGB Percent	0%, 31%, 38%
CMY	1.0000, 0.6902, 0.6196
CMYK	1.00, 0.19, 0.00, 0.62
HSL	191°, 100%, 19%
HSV	191°, 100%, 38%
XYZ	4.9537, 6.4551, 12.2941
YIQ	57.4310, -52.8620, -11.1500

Conversions

Conversions Part 2

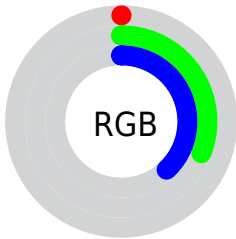
Format	Color
RYB	0, 44, 97
Decimal	20321
CIELab	30.53, -13.80, -16.44
CIELCh	31, 21.465, 229.975
Yxy	6.4553, 0.2090, 0.2723
Android (android.graphics.Color)	4278210401 (0xFF004F61)
YUV	57.4310, 19.5075, -50.3670
Hunter-Lab	25.4068, -9.6590, -10.9052

Details

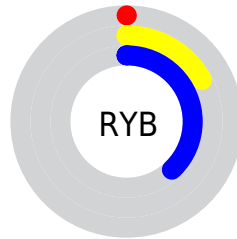
The HunterLab color **25.4068, -9.6590, -10.9052** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **17.2463, 23.0838, 11.0303**, and the grayscale version is **20.3245, -1.0845, 1.1043**.

A 20% lighter version of the original color is **43.3652, -12.3005, -11.7994**, and **11.7604, -2.8289, -8.5926** is the 20% darker color. If you saturate the color by 10%, you get **25.4066, -9.6586, -10.9058**, and if you desaturate by 10%, it is **26.0406, -9.8791, -9.8765**.

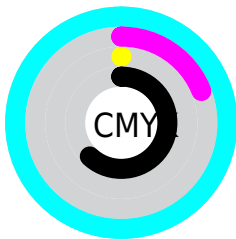
Distribution



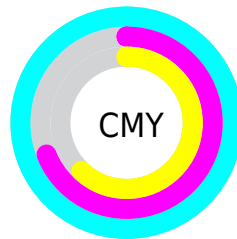
- Red (0%)
- Green (31%)
- Blue (38%)



- Red (0%)
- Yellow (17%)
- Blue (38%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (69%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.4068, -9.6590, -10.9052 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 25.4068, -9.6590, -10.9052 by changing the saturation by 10% instead.

25.4068, -9.6590,
-10.9052

25.4068, -9.6590,
-10.9052

127.6940,
-21.7111, -11.5516

17.6744, -8.1591,
-10.5043

43.4381, -12.4585,
-11.5000

10.9395, -6.5582,
-10.0799

53.5905, -13.8057,
-11.6891

2.4296, -4.2518,
-28.4499

64.4299, -15.1348,
-11.8107

0.0000, NaN, -NF

0.0000, NaN, NaN

75.9151, -16.4534,
-11.8691

0.0000, NaN, NaN

88.0117, -17.7669,
-11.8688

0.0000, NaN, NaN

100.6903,

0.0000, NaN, NaN

-19.0792, -11.8135

0.0000, NaN, NaN

■ 113.9252,
-20.3932, -11.7067

■ 25.4068, -9.6590,
-10.9052

■ 25.4068, -9.6590,
-10.9052

■ 25.4066, -9.6586,
-10.9058

■ 26.0406, -9.8791,
-9.8765

■ 26.7047, -9.9888,
-8.8289

■ 27.4391, -9.8383,
-7.7015

■ 28.2463, -9.4220,
-6.4985

■ 29.1267, -8.7430,
-5.2266

■ 30.0797, -7.8103,
-3.8937

■ 31.1036, -6.6372,
-2.5085

■ 32.1960, -5.2399,
-1.0793

■ 33.3545, -3.6358,
0.3859

Harmonies

Analogous

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



25.4072, -13.0994, -3.5379



25.4068, -9.6590, -10.9052



25.4072, -3.7215, -15.2964

Triad

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



25.4072, -9.6589, -10.9048



25.4072, 13.7576, -1.0171



25.4072, -5.9140, 10.9055

Complementary

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



25.4068, -9.6590, -10.9052



17.2463, 23.0838, 11.0303

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.



25.4072, 1.0972, 11.2314



25.4068, -9.6590, -10.9052



25.4072, 13.0018, 5.4818

Square

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



25.4072, -9.6589, -10.9048



25.4072, 10.1329, -8.6240



25.4072, 8.1700, 9.5399



25.4072, -11.1099, 8.4764

Rectangle

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



25.4068, -9.6590, -10.9052



25.4072, 1.0849, -15.2996



25.4072, 8.1700, 9.5399



25.4072, -3.7101, 11.2325

Sweetspot

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



25.4072, -9.6589, -10.9048



40.5998, -8.8373, -3.4467



29.3131, -24.6118, 16.4922



20.0332, -4.6374, -1.9822



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



25.4072, -9.6589, -10.9048



33.0687, -12.3854, -14.5965



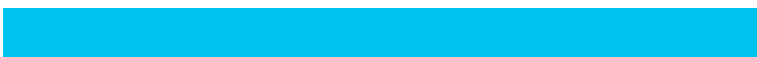
13.5231, 11.1899, -41.0558



16.7966, -1.7280, 0.2764



29.5318, -11.1277, -12.8907



67.3802, -24.5400, -31.2447

Inverse Universe

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



17.6243, 33.3821, -13.4411



23.0452, 43.6077, -17.2179



25.4391, 3.8614, 15.7424



16.1900, 0.8909, -0.0716



20.5420, 38.8876, -15.4758



47.3527, 89.4342, -34.0622

Previews

White Background



This preview shows how the HunterLab color 25.4068, -9.6590, -10.9052 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 25.4068, -9.6590, -10.9052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

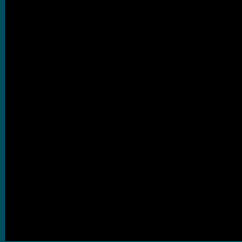
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

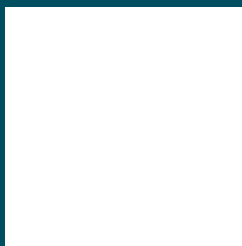
Any Text WCAG AAA × Fail

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

HunterLab 25.4068, -9.6590, -10.9052 Background



This preview shows how black text looks on a background with the HunterLab color 25.4068, -9.6590, -10.9052.



This preview shows how white text looks on a background with the HunterLab color 25.4068, -9.6590,

-10.9052.

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

25.4068, -9.6590, -10.9052

Protanopia

25.4069, 0.8977, -7.4257

Deuteranopia

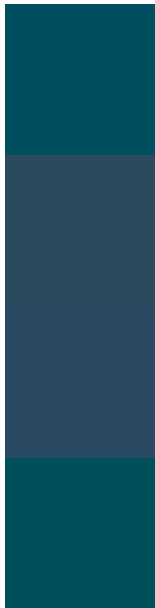
25.4898, 1.7493, -11.7199



Tritanopia

25.3485, -12.0450, -5.6816

Trichromacy



Original Color

25.4068, -9.6590, -10.9052

Protanomaly

24.9027, -4.7239, -9.3938

Deuteranomaly

25.0016, -4.0011, -12.0669

Tritanomaly

25.4807, -11.2670, -7.5263

Monochromacy



Original Color

25.4068, -9.6590, -10.9052

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

21.5024, -6.1873, -3.7637

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.4068, -9.6590, -10.9052 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, 79, 97)` looks like.

```
.text, #text, p{  
    color:rgb(0, 79, 97)  
}
```

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, 79, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 79, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 25.4068, -9.6590, -10.9052 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, 79, 97) }
```


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

```
.border{ border-color:rgb(0, 79, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 79, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 79, 97); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 79, 97); box-shadow:4px  
4px 4px 4px rgb(0, 79, 97) }
```

Background

The CSS property to change the background color of an element to HunterLab 25.4068, -9.6590, -10.9052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 79, 97) }
```

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

```
.background{ background-color: rgb(0, 79,  
97) }
```

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