

Converting Colors

HunterLab(25.2416, -21.4165,
-15.7226)

Have a look what the booklet for
HunterLab(25.2416, -21.4165,
-15.7226) contains.

HunterLab(27.9569, -11.2100, -10.7444)	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(27.9569,
-11.2100, -10.7444)**

Conversions

Conversions Part 1

Format	Color
Hex	005768
RGB	0, 87, 104
RGB Percent	0%, 34%, 41%
CMY	1.0000, 0.6588, 0.5922
CMYK	1.00, 0.16, 0.00, 0.59
HSL	190°, 100%, 20%
HSV	190°, 100%, 41%
XYZ	5.9069, 7.8159, 14.2940
YIQ	62.9250, -57.3090, -13.1570

Conversions

Conversions Part 2

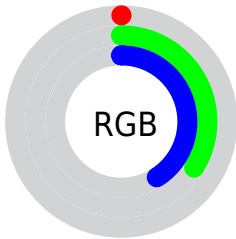
Format	Color
RYB	0, 47, 104
Decimal	22376
CIELab	33.60, -15.73, -16.14
CIELCh	34, 22.531, 225.735
Yxy	7.8162, 0.2108, 0.2790
Android (android.graphics.Color)	4278212456 (0xFF005768)
YUV	62.9250, 20.2500, -55.1852
Hunter-Lab	27.9569, -11.2100, -10.7444

Details

The HunterLab color **27.9569, -11.2100, -10.7444** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **18.2876, 25.6794, 11.7172**, and the grayscale version is **22.2166, -1.1854, 1.2071**.

A 20% lighter version of the original color is **46.4731, -14.2629, -11.1760**, and **13.7160, -4.0726, -8.3523** is the 20% darker color. If you saturate the color by 10%, you get **27.9567, -11.2097, -10.7450**, and if you desaturate by 10%, it is **28.5689, -11.4037, -9.7759**.

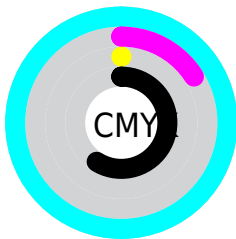
Distribution



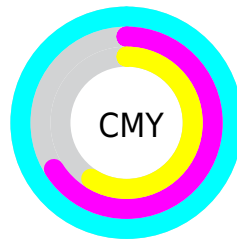
- Red (0%)
- Green (34%)
- Blue (41%)



- Red (0%)
- Yellow (18%)
- Blue (41%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (59%)



- Cyan (100%)
- Magenta (66%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.9569, -11.2100, -10.7444 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 27.9569, -11.2100, -10.7444 by changing the saturation by 10% instead.

■ 27.9569, -11.2100,
-10.7444

■ 27.9569, -11.2100,
-10.7444

■ 132.0162,
-24.1578, -11.1291

■ 19.9438, -9.5830,
-10.3707

■ 46.4728, -14.2435,
-11.2733

■ 12.8880, -7.8188,
-9.9494

■ 56.8406, -15.6983,
-11.4303

■ 6.3104, -11.0432,
-11.4939

■ 67.8818, -17.1299,
-11.5211

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 79.5578, -18.5462,
-11.5503

0.0000, NaN, NaN

■ 91.8356, -19.9534,
-11.5222

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.6872,

-21.3556, -11.4405

0.0000, NaN, NaN

118.0880,
-22.7563, -11.3085

27.9569, -11.2100,
-10.7444

27.9569, -11.2100,
-10.7444

27.9567, -11.2097,
-10.7450

28.5689, -11.4037,
-9.7759

29.2183, -11.4583,
-8.7726

29.9433, -11.2313,
-7.6785

30.7470, -10.7142,
-6.4964

31.6307, -9.9082,
-5.2322

■ 32.5941, -8.8215,
-3.8938

■ 33.6360, -7.4678,
-2.4902

■ 34.7541, -5.8640,
-1.0305

■ 35.9458, -4.0291,
0.4768

Harmonies

Analogous

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



27.9574, -14.5137, -2.6303



27.9569, -11.2100, -10.7444



27.9574, -5.0935, -16.1364

Triad

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



27.9574, -11.2099, -10.7439



27.9574, 14.5770, -2.2267



27.9574, -5.4453, 12.0656

Complementary

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



27.9569, -11.2100, -10.7444



18.2876, 25.6794, 11.7172

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.



27.9574, 2.2989, 12.1182



27.9569, -11.2100, -10.7444



27.9574, 14.4561, 5.1210

Square

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



27.9574, -11.2099, -10.7439



27.9574, 10.0778, -10.3795



27.9574, 9.7635, 9.9319



27.9574, -11.4430, 9.7605

Rectangle

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



27.9569, -11.2100, -10.7444



27.9574, 0.0214, -16.7202



27.9574, 9.7635, 9.9319



27.9574, -2.9763, 12.3207

Sweetspot

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



27.9574, -11.2099, -10.7439



44.4299, -10.0581, -3.4606



31.5231, -26.6199, 18.0649



21.7305, -5.2559, -1.9968



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



27.9574, -11.2099, -10.7439



36.8462, -14.6061, -14.5242



15.1200, 10.6350, -41.8538



17.6437, -1.8663, 0.3146



30.9778, -12.3648, -12.0275



69.9800, -27.2267, -28.6943

Inverse Universe

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



19.0565, 36.2423, -15.6777



25.2129, 47.9115, -20.4027



26.5135, 5.7932, 16.4382



16.9756, 0.9720, -0.1280



21.1478, 40.2088, -17.2848



48.1836, 91.4296, -37.9624

Previews

White Background



This preview shows how the HunterLab color 27.9569, -11.2100, -10.7444 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 27.9569, -11.2100, -10.7444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

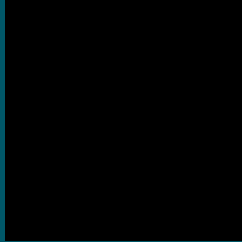
Any Text WCAG AA × Fail

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 27.9569, -11.2100, -10.7444 Background



This preview shows how black text looks on a background with the HunterLab color 27.9569, -11.2100, -10.7444.



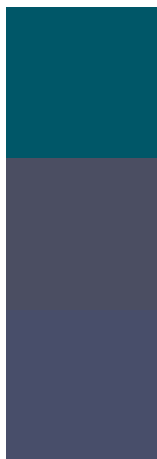
This preview shows how white text looks on a background with the HunterLab color 27.9569, -11.2100, -10.7444.

-11.2100, -10.7444.

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

27.9569, -11.2100, -10.7444

Protanopia

27.9758, 1.0058, -7.2332

Deuteranopia

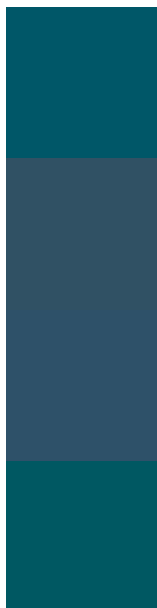
28.0484, 1.8172, -11.5087



Tritanopia

27.9386, -13.3999, -5.9943

Trichromacy



Original Color

27.9569, -11.2100, -10.7444

Protanomaly

27.2641, -5.4078, -9.5135

Deuteranomaly

27.3599, -4.6967, -12.1849

Tritanomaly

28.0380, -12.8143, -7.3826

Monochromacy



Original Color

27.9569, -11.2100, -10.7444

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

23.7401, -7.2017, -3.4986

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.9569, -11.2100, -10.7444 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, 87, 104)` looks like.

```
.text, #text, p{  
    color:rgb(0, 87, 104)  
}
```

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, 87, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 87, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 27.9569, -11.2100, -10.7444 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, 87, 104) }
```


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

```
.border{ border-color:rgb(0, 87, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 87, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 87, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 87, 104);  
box-shadow:4px 4px 4px 4px rgb(0, 87, 104)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.9569, -11.2100, -10.7444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 87, 104) }
```

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

```
.background{ background-color: rgb(0, 87,  
104) }
```

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