

Converting Colors

HunterLab(29.5521, -10.0631,
-4.6559)

Have a look what the booklet for
HunterLab(29.5521, -10.0631,
-4.6559) contains.

HunterLab(29.5521, -10.0631, -4.6559)	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(29.5521,
-10.0631, -4.6559)**

Conversions

Conversions Part 1

Format	Color
Hex	2D5A61
RGB	45, 90, 97
RGB Percent	18%, 35%, 38%
CMY	0.8235, 0.6471, 0.6196
CMYK	0.54, 0.07, 0.00, 0.62
HSL	188°, 37%, 28%
HSV	188°, 54%, 38%
XYZ	6.8960, 8.7333, 12.6315
YIQ	77.3430, -29.0670, -7.3630

Conversions

Conversions Part 2

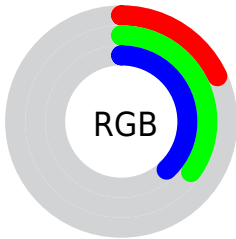
Format	Color
R_{YB}	45, 69, 97
Decimal	2972257
CIE Lab	35.47, -13.29, -8.81
CIE LCh	35, 15.948, 213.527
Yxy	8.7336, 0.2440, 0.3090
Android (android.graphics.Color)	4281162337 (0xFF2D5A61)
YUV	77.3430, 9.6909, -28.3648
Hunter-Lab	29.5521, -10.0631, -4.6559




Details

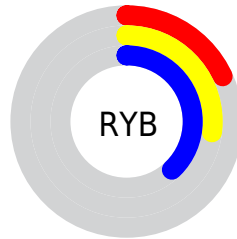
The HunterLab color **29.5521, -10.0631, -4.6559** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **22.7749, 12.1191, 7.7824**, and the grayscale version is **27.3397, -1.4588, 1.4854**.




A 20% lighter version of the original color is **48.2982, -12.6658, -4.8537**, and **14.2842, -6.2750, -4.3080** is the 20% darker color. If you saturate the color by 10%, you get **28.8443, -10.8208, -5.6624**, and if you desaturate by 10%, it is **30.3343, -9.0439, -3.5713**.

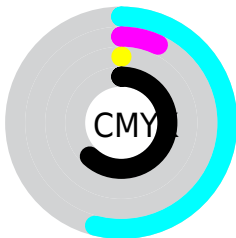
Distribution







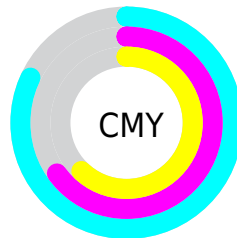
-  Red (18%)
-  Green (35%)
-  Blue (38%)






-  Red (18%)
-  Yellow (27%)
-  Blue (38%)



-  Cyan (54%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (82%)
-  Magenta (65%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.5521, -10.0631, -4.6559 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 29.5521, -10.0631, -4.6559 by changing the saturation by 10% instead.

■ 29.5521, -10.0631,
-4.6559

■ 29.5521, -10.0631,
-4.6559

■ 134.6766,
-21.8147, -2.4328

■ 21.3725, -8.6459,
-4.5904

■ 48.3576, -12.7533,
-4.5527

■ 14.1280, -7.1347,
-4.4337

■ 58.8545, -14.0607,
-4.4020

■ 7.7791, -7.8624,
-4.5330

■ 70.0171, -15.3561,
-4.1937

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 81.8079, -16.6455,
-3.9327

0.0000, NaN, NaN

■ 94.1950, -17.9334,
-3.6230

0.0000, NaN, NaN

■ 107.1510,

0.0000, NaN, NaN

-19.2227, -3.2679

0.0000, NaN, NaN

120.6520,
-20.5158, -2.8704

■ 29.5521, -10.0631,
-4.6559

■ 29.5521, -10.0631,
-4.6559

■ 28.8443, -10.8208,
-5.6624

■ 30.3343, -9.0439,
-3.5713

■ 28.2086, -11.3126,
-6.5866

■ 31.1889, -7.7722,
-2.4167

■ 27.6432, -11.5416,
-7.4252

■ 32.1153, -6.2617,
-1.1994

■ 27.1392, -11.5396,
-8.1862

■ 33.1114, -4.5287,
0.0729

■ 26.8236, -11.5144,
-8.6709

■ 34.1749, -2.5906,
1.3924

■ 35.3033, -0.4656,
2.7520

■ 36.4935, 1.8284,
4.1450

■ 37.7426, 4.2741,
5.5656

■ 39.0476, 6.8555,
7.0087

Harmonies

Analogous

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



29.5527, -11.6153, 0.9688



29.5521, -10.0631, -4.6559



29.5527, -6.2459, -9.1599

Triad

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



29.5527, -10.0633, -4.6554



29.5527, 8.7372, -3.3540



29.5527, -2.2407, 10.1439

Complementary

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



29.5521, -10.0631, -4.6559



22.7749, 12.1191, 7.7824

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.



29.5527, 3.3980, 9.4145



29.5521, -10.0631, -4.6559



29.5527, 10.0073, 2.2344

Square

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



29.5527, -10.0633, -4.6554



29.5527, 4.6343, -8.3152



29.5527, 7.9868, 6.7448



29.5527, -7.3169, 8.9631

Rectangle

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



29.5521, -10.0631, -4.6559



29.5527, -2.7877, -10.5460



29.5527, 7.9868, 6.7448



29.5527, -0.3495, 10.1129

Sweetspot

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



29.5527, -10.0633, -4.6554



42.9685, -6.6062, -0.3875



30.5856, -18.6518, 12.2372



21.3215, -3.4484, -0.3067



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.



29.5527, -10.0633, -4.6554



37.5680, -14.3425, -7.6958



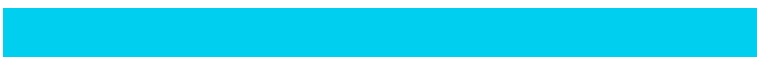
22.5732, 0.6455, -15.7841



16.8562, -1.8239, 0.3469



31.2118, -13.3324, -10.2313



71.4918, -29.9772, -24.6463

Inverse Universe

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



22.7081, 20.8965, -10.8980



27.2961, 33.5540, -17.2927



28.5839, 0.7062, 12.4756



16.1962, 0.9245, -0.1604



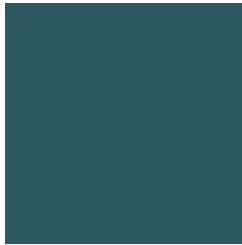
20.7913, 39.7655, -18.8109



47.9574, 91.5666, -42.1728

Previews

White Background



This preview shows how the HunterLab color 29.5521, -10.0631, -4.6559 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 29.5521, -10.0631, -4.6559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

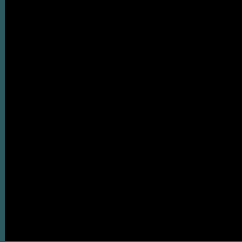
Any Text WCAG AA × Fail

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 29.5521, -10.0631, -4.6559 Background



This preview shows how black text looks on a background with the HunterLab color 29.5521, -10.0631, -4.6559.



This preview shows how white text looks on a background with the HunterLab color 29.5521, -10.0631, -4.6559.

-10.0631, -4.6559.

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

29.5521, -10.0631, -4.6559

Protanopia

29.5856, -0.4629, -2.0687

Deuteranopia

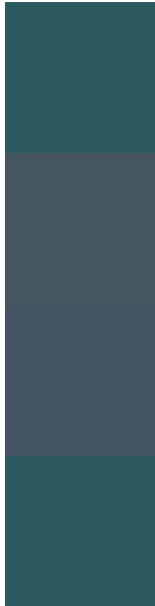
29.3679, 1.8614, -5.7026



Tritanopia

29.5521, -10.0631, -4.6559

Trichromacy



Original Color

29.5521, -10.0631, -4.6559

Protanomaly

29.5448, -4.5637, -3.1257

Deuteranomaly

29.1337, -3.0151, -5.6169

Tritanomaly

29.5521, -10.0631, -4.6559

Monochromacy



Original Color

29.5521, -10.0631, -4.6559

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

27.9258, -5.4209, -0.6949

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.5521, -10.0631, -4.6559 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(45, 90, 97)` looks like.

```
.text, #text, p{  
    color:rgb(45, 90, 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(45, 90, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 90, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 29.5521, -10.0631, -4.6559 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(45, 90, 97) }
```


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

```
.border{ border-color:rgb(45, 90, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 90, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 90, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 90, 97);  
box-shadow:4px 4px 4px 4px rgb(45, 90, 97)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.5521, -10.0631, -4.6559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 90, 97) }
```

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

```
.background{ background-color: rgb(45, 90,  
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