

Converting Colors

HunterLab(28.8134, -22.0386,
10.0238)

Have a look what the booklet for
HunterLab(28.8134, -22.0386,
10.0238) contains.

HunterLab(29.0865, -21.5562, 10.1779)	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(29.0865,
-21.5562, 10.1779)**

Conversions

Conversions Part 1

Format	Color
Hex	005F37
RGB	0, 95, 55
RGB Percent	0%, 37%, 22%
CMY	1.0000, 0.6274, 0.7843
CMYK	1.00, 0.00, 0.42, 0.63
HSL	155°, 100%, 19%
HSV	155°, 100%, 37%
XYZ	4.7818, 8.4602, 4.9954
YIQ	62.0350, -43.7800, -32.5800

Conversions

Conversions Part 2

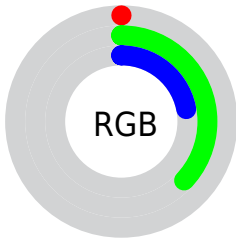
Format	Color
RYB	0, 60, 95
Decimal	24375
CIELab	34.92, -34.92, 16.20
CIELCh	35, 38.493, 155.109
Yxy	8.4606, 0.2622, 0.4639
Android (android.graphics.Color)	4278214455 (0xFF005F37)
YUV	62.0350, -3.4683, -54.4047
Hunter-Lab	29.0865, -21.5562, 10.1779

Details

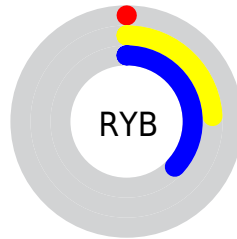
The HunterLab color **29.0865, -21.5562, 10.1779** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **16.0818, 28.4927, 3.0065**, and the grayscale version is **21.9833, -1.1730, 1.1944**.

A 20% lighter version of the original color is **47.6554, -27.2427, 13.2488**, and **14.3512, -11.6459, 7.2023** is the 20% darker color. If you saturate the color by 10%, you get **29.0871, -21.5566, 10.1783**, and if you desaturate by 10%, it is **29.2606, -20.6997, 9.2834**.

Distribution



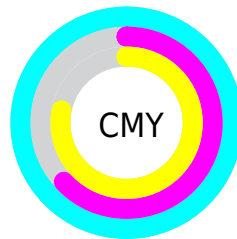
- Red (0%)
- Green (37%)
- Blue (22%)



- Red (0%)
- Yellow (24%)
- Blue (37%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (63%)



- Cyan (100%)
- Magenta (63%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.0865, -21.5562, 10.1779 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 29.0865, -21.5562, 10.1779 by changing the saturation by 10% instead.

■ 29.0865, -21.5562,
10.1779

■ 29.0865, -21.5562,
10.1779

133.9034,
-44.1201, 23.4537

■ 20.9548, -18.3279,
8.4833

■ 47.8085, -27.2930,
13.3164

■ 13.7646, -14.7771,
6.7653

■ 58.2681, -29.9273,
14.8129

■ 7.3834, -12.9210,
5.1684

■ 69.3957, -32.4548,
16.2813

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.1533, -34.8986,
17.7310

0.0000, NaN, NaN

■ 93.5089, -37.2756,
19.1687

0.0000, NaN, NaN

■ 106.4347,

0.0000, NaN, NaN

-39.5987, 20.5994

0.0000, NaN, NaN

■ 119.9066,
-41.8776, 22.0267

■ 29.0865, -21.5562,
10.1779

■ 29.0865, -21.5562,
10.1779

■ 29.0871, -21.5566,
10.1783

■ 29.2606, -20.6997,
9.2834

■ 29.4654, -19.7105,
8.3484

■ 29.7389, -18.4409,
7.4148

■ 30.0862, -16.8801,
6.4953

■ 30.5108, -15.0270,
5.6015

■ 31.0148, -12.8883,
4.7440

■ 31.5992, -10.4771,
3.9320

■ 32.2638, -7.8114,
3.1733

■ 33.0076, -4.9127,
2.4737

Harmonies

Analogous

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



29.0871, -15.0299, 15.4073



29.0865, -21.5562, 10.1779



29.0871, -23.1589, -0.7028

Triad

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



29.0871, -21.5565, 10.1781



29.0871, 0.7945, -35.3211



29.0871, 22.8778, 12.5069

Complementary

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



29.0865, -21.5562, 10.1779



16.0818, 28.4927, 3.0065

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.



29.0871, 29.0853, 3.6977



29.0865, -21.5562, 10.1779



29.0871, 14.9347, -26.7329

Square

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



29.0871, -21.5565, 10.1781



29.0871, -11.6943, -30.9102



29.0871, 25.9420, -10.8479



29.0871, 10.2003, 16.2579

Rectangle

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



29.0865, -21.5562, 10.1779



29.0871, -21.5270, -10.9672



29.0871, 25.9420, -10.8479



29.0871, 25.8861, 10.2345

Sweetspot

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



29.0871, -21.5565, 10.1781



41.2808, -14.0063, 5.2378



29.4272, -21.0864, 17.7637



20.1016, -7.2894, 2.7032



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



29.0871, -21.5565, 10.1781



38.0403, -28.3667, 13.6884



28.1353, -13.6418, -5.7177



16.9652, -2.3485, 1.2307



34.6608, -25.7957, 12.3626



80.0007, -60.3119, 30.2021

Inverse Universe

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



16.0818, 28.4927, 3.0065



21.0015, 37.1264, 4.5726



16.0328, 25.2523, 10.3213



16.1429, 0.6374, 0.5991



19.1444, 33.8676, 3.9811



44.0579, 77.5798, 11.9630

Previews

White Background



This preview shows how the HunterLab color 29.0865, -21.5562, 10.1779 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



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 29.0865, -21.5562, 10.1779 Background



This preview shows how black text looks on a background with the HunterLab color 29.0865, -21.5562, 10.1779.



This preview shows how white text looks on a background with the HunterLab color 29.0865,

-21.5562, 10.1779.

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

29.0865, -21.5562, 10.1779

Protanopia

29.0492, -2.8488, 11.6911

Deuteranopia

29.1623, 1.7430, 9.5879



Tritanopia

29.2108, -11.3565, -5.1540

Trichromacy



Original Color

29.0865, -21.5562, 10.1779

Protanomaly

28.1677, -13.0748, 10.2895

Deuteranomaly

27.9761, -10.6830, 8.5681

Tritanomaly

29.0415, -15.9048, 1.3197

Monochromacy



Original Color

29.0865, -21.5562, 10.1779

Achromatopsia

21.9481, -1.1711, 1.1925

Achromatomaly

23.7585, -10.9622, 4.1223

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.0865, -21.5562, 10.1779 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, 95, 55)` looks like.

```
.text, #text, p{  
    color:rgb(0, 95, 55)  
}
```

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, 95, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 95, 55) }
```

Border

The CSS property to change the border of an element to HunterLab 29.0865, -21.5562, 10.1779 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, 95, 55) }
```


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

```
.border{ border-color:rgb(0, 95, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 95, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 95, 55); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 95, 55); box-shadow:4px  
4px 4px 4px rgb(0, 95, 55) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.0865, -21.5562, 10.1779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 95, 55) }
```

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

```
.background{ background-color: rgb(0, 95,  
55) }
```

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