

Converting Colors

HunterLab(28.3733, -22.1790,
-0.1769)

Have a look what the booklet for
HunterLab(28.3733, -22.1790,
-0.1769) contains.

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Color

**HunterLab(29.3768,
-17.6010, 1.2770)**

Conversions

Conversions Part 1

Format	Color
Hex	005E53
RGB	0, 94, 83
RGB Percent	0%, 37%, 33%
CMY	1.0000, 0.6314, 0.6745
CMYK	1.00, 0.00, 0.12, 0.63
HSL	173°, 100%, 18%
HSV	173°, 100%, 37%
XYZ	5.5640, 8.6300, 9.5561
YIQ	64.6400, -52.4930, -23.3490

Conversions

Conversions Part 2

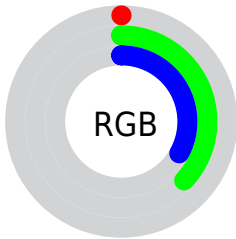
Format	Color
RYB	0, 50, 94
Decimal	24147
CIELab	35.26, -26.81, -0.50
CIELCh	35, 26.818, 181.062
Yxy	8.6303, 0.2343, 0.3634
Android (android.graphics.Color)	4278214227 (0xFF005E53)
YUV	64.6400, 9.0515, -56.6893
Hunter-Lab	29.3768, -17.6010, 1.2770

Details

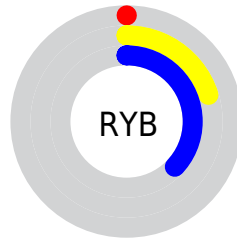
The HunterLab color **29.3768, -17.6010, 1.2770** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **15.5051, 26.7067, 8.8102**, and the grayscale version is **22.8494, -1.2192, 1.2415**.

A 20% lighter version of the original color is **48.1476, -22.1807, 2.3984**, and **14.7410, -9.2513, 1.5459** is the 20% darker color. If you saturate the color by 10%, you get **29.3773, -17.6015, 1.2775**, and if you desaturate by 10%, it is **29.5095, -17.0128, 0.9920**.

Distribution



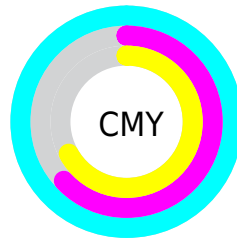
- Red (0%)
- Green (37%)
- Blue (33%)



- Red (0%)
- Yellow (20%)
- Blue (37%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (63%)



- Cyan (100%)
- Magenta (63%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.3768, -17.6010, 1.2770 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 29.3768, -17.6010, 1.2770 by changing the saturation by 10% instead.

■ 29.3768, -17.6010,
1.2770

■ 29.3768, -17.6010,
1.2770

■ 134.3858,
-35.9916, 6.7828

■ 21.2152, -15.0813,
0.8657

■ 48.1509, -22.1522,
2.2422

■ 13.9910, -12.2846,
0.5094

■ 58.6338, -24.2729,
2.7873

■ 7.6328, -13.3573,
0.1456

■ 69.7833, -26.3247,
3.3703

0.0000, NaN, NaN

■ 81.5617, -28.3239,
3.9887

0.0000, NaN, NaN

■ 93.9369, -30.2823,
4.6407

0.0000, NaN, NaN

■ 106.8816,

0.0000, NaN, NaN

-32.2087, 5.3246

0.0000, NaN, NaN

120.3716,
-34.1100, 6.0391

29.3768, -17.6010,
1.2770

29.3768, -17.6010,
1.2770

29.3773, -17.6015,
1.2775

29.5095, -17.0128,
0.9920

29.6670, -16.3258,
0.7350

29.8869, -15.3961,
0.5544

30.1746, -14.2092,
0.4580

30.5338, -12.7592,
0.4516

■ 30.9672, -11.0469,
0.5384

■ 31.4761, -9.0795,
0.7197

■ 32.0612, -6.8689,
0.9951

■ 32.7220, -4.4308,
1.3624

Harmonies

Analogous

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



29.3774, -15.8239, 8.7860



29.3768, -17.6010, 1.2770



29.3774, -15.5546, -8.7757

Triad

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



29.3774, -17.6011, 1.2773



29.3774, 8.3933, -17.3659



29.3774, 7.7379, 13.0505

Complementary

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



29.3768, -17.6010, 1.2770



15.5051, 26.7067, 8.8102

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.



29.3774, 15.6489, 9.1848



29.3768, -17.6010, 1.2770



29.3774, 16.0597, -8.0406

Square

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



29.3774, -17.6011, 1.2773



29.3774, -1.2320, -21.4277



29.3774, 18.8667, 1.9172



29.3774, -1.9047, 14.1528

Rectangle

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



29.3768, -17.6010, 1.2770



29.3774, -12.1268, -15.2476



29.3774, 18.8667, 1.9172



29.3774, 10.7287, 12.1073

Sweetspot

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



29.3774, -17.6011, 1.2773



41.5827, -12.2725, 0.9246



28.4391, -23.6444, 17.1097



20.2617, -6.3669, 0.4160



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.



29.3774, -17.6011, 1.2773



38.8610, -23.3623, 1.8595



19.9790, -2.6903, -19.1634



16.1749, -2.0343, 0.6963



34.5487, -20.7425, 1.5941



80.7950, -48.8544, 4.4758

Inverse Universe

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



15.5051, 26.7067, 8.8102



20.4925, 35.2531, 12.0088



18.8440, 16.2979, 11.8964



15.3362, 0.4099, 1.0442



18.2242, 31.3666, 10.5583



42.5594, 73.0785, 25.9951

Previews

White Background



This preview shows how the HunterLab color 29.3768, -17.6010, 1.2770 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 29.3768, -17.6010, 1.2770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

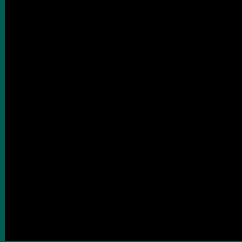
Any Text WCAG AA × Fail

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 29.3768, -17.6010, 1.2770 Background



This preview shows how black text looks on a background with the HunterLab color 29.3768, -17.6010, 1.2770.



This preview shows how white text looks on a background with the HunterLab color 29.3768,

-17.6010, 1.2770.

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

29.3768, -17.6010, 1.2770

Protanopia

29.4971, -1.5710, 4.0357

Deuteranopia

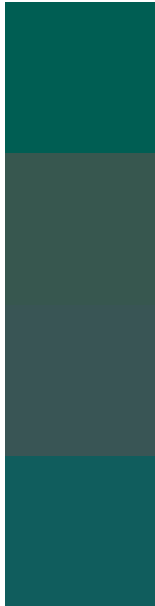
29.2965, 2.1340, 0.2721



Tritanopia

29.6004, -12.7230, -5.6275

Trichromacy



Original Color

29.3768, -17.6010, 1.2770

Protanomaly

28.6236, -10.2113, 2.1368

Deuteranomaly

28.3244, -8.1289, -0.6790

Tritanomaly

29.5452, -14.8272, -2.8358

Monochromacy



Original Color

29.3768, -17.6010, 1.2770

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

24.7147, -9.5323, 0.3544

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.3768, -17.6010, 1.2770 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, 94, 83)` looks like.

```
.text, #text, p{  
    color:rgb(0, 94, 83)  
}
```

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, 94, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 94, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 29.3768, -17.6010, 1.2770 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, 94, 83) }
```


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

```
.border{ border-color:rgb(0, 94, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 94, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 94, 83); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 94, 83); box-shadow:4px  
4px 4px 4px rgb(0, 94, 83) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.3768, -17.6010, 1.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 94, 83) }
```

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

```
.background{ background-color: rgb(0, 94,  
83) }
```

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](#).

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