

Converting Colors

HunterLab(37.6388, -20.2469,
-4.6239)

Have a look what the booklet for
HunterLab(37.6388, -20.2469,
-4.6239) contains.

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Color

**HunterLab(37.8005,
-19.8349, -4.4294)**

Conversions

Conversions Part 1

Format	Color
Hex	007677
RGB	0, 118, 119
RGB Percent	0%, 46%, 47%
CMY	0.9999, 0.5372, 0.5333
CMYK	1.00, 0.01, 0.00, 0.53
HSL	181°, 100%, 23%
HSV	181°, 100%, 47%
XYZ	9.8082, 14.2888, 19.6938
YIQ	82.8320, -70.6490, -24.7050

Conversions

Conversions Part 2

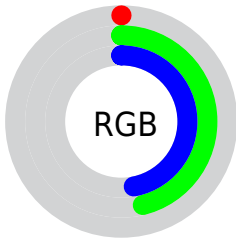
Format	Color
RYB	0, 59, 119
Decimal	30327
CIELab	44.65, -26.87, -8.55
CIELCh	45, 28.200, 197.642
Yxy	14.2893, 0.2240, 0.3263
Android (android.graphics.Color)	4278220407 (0xFF007677)
YUV	82.8320, 17.8308, -72.6437
Hunter-Lab	37.8005, -19.8349, -4.4294

Details

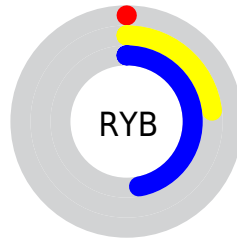
The HunterLab color **37.8005, -19.8349, -4.4294** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **19.8596, 33.7255, 12.8266**, and the grayscale version is **29.3075, -1.5638, 1.5923**.

A 20% lighter version of the original color is **58.0761, -24.3701, -3.9738**, and **21.7052, -11.1297, -3.1039** is the 20% darker color. If you saturate the color by 10%, you get **37.8010, -19.8354, -4.4291**, and if you desaturate by 10%, it is **37.9346, -19.4688, -4.2441**.

Distribution



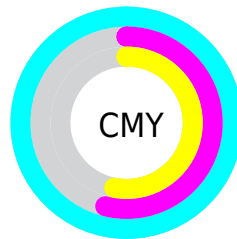
- Red (0%)
- Green (46%)
- Blue (47%)



- Red (0%)
- Yellow (23%)
- Blue (47%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.8005, -19.8349, -4.4294 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 37.8005, -19.8349, -4.4294 by changing the saturation by 10% instead.

■ 37.8005, -19.8349,
-4.4294

■ 37.8005, -19.8349,
-4.4294

147.9943,
-37.8066, -1.6894

■ 28.8481, -17.4824,
-4.4509

■ 57.9668, -24.1874,
-4.1782

■ 20.7407, -14.9439,
-4.3917

■ 69.0763, -26.2464,
-3.9633

■ 13.5785, -12.1192,
-4.2399

■ 80.8167, -28.2517,
-3.6958

■ 7.1710, -12.5492,
-4.6589

■ 93.1560, -30.2154,
-3.3796

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.0662,
-32.1465, -3.0183

0.0000, NaN, NaN

■ 119.5232,

0.0000, NaN, NaN

-34.0519, -2.6145

0.0000, NaN, NaN

133.5056,
-35.9372, -2.1709

■ 37.8005, -19.8349,
-4.4294

■ 37.8005, -19.8349,
-4.4294

■ 37.8010, -19.8354,
-4.4291

■ 37.9346, -19.4688,
-4.2441

■ 38.1160, -18.9152,
-3.9928

■ 38.3795, -18.0437,
-3.6286

■ 38.7332, -16.8298,
-3.1433

■ 39.1827, -15.2612,
-2.5324

■ 39.7319, -13.3354,
-1.7952

■ 40.3831, -11.0586,
-0.9341

■ 41.1373, -8.4447,
0.0462

■ 41.9941, -5.5131,
1.1387

Harmonies

Analogous

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



37.8012, -20.2325, 6.0440



37.8005, -19.8349, -4.4294



37.8012, -15.0116, -15.6336

Triad

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



37.8012, -19.8349, -4.4289



37.8012, 14.5738, -13.8091



37.8012, 2.5264, 16.7097

Complementary

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



37.8005, -19.8349, -4.4294



19.8596, 33.7255, 12.8266

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.



37.8012, 13.0065, 13.9333



37.8005, -19.8349, -4.4294



37.8012, 20.4676, -2.4166

Square

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



37.8012, -19.8349, -4.4289



37.8012, 4.4795, -22.0085



37.8012, 19.8638, 7.5659



37.8012, -8.1061, 16.4519

Rectangle

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



37.8005, -19.8349, -4.4294



37.8012, -9.5947, -21.1359



37.8012, 19.8638, 7.5659



37.8012, 6.2047, 16.1420

Sweetspot

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



37.8012, -19.8349, -4.4289



53.9670, -15.0507, -1.3450



36.3235, -31.1464, 21.8364



26.1213, -7.8531, -0.8533



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



37.8012, -19.8349, -4.4289



50.5736, -26.5305, -5.9409



21.2425, 4.1701, -35.5508



20.3722, -2.5241, 0.6051



38.9621, -20.4440, -4.5665



85.9702, -45.0837, -10.1325

Inverse Universe

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



22.8700, 44.8813, -29.5572



30.6012, 60.0560, -39.5319



26.6504, 14.9696, 16.6830



19.3841, 1.3041, -0.5232



23.5721, 46.2630, -30.4655



52.0293, 102.1037, -67.1683

Previews

White Background



This preview shows how the HunterLab color 37.8005, -19.8349, -4.4294 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 × Fail

Black Background



This preview shows how the HunterLab color 37.8005, -19.8349, -4.4294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

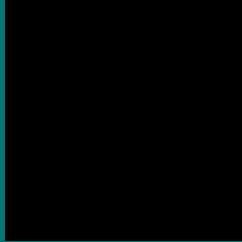
Any Text WCAG AA × Fail

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 37.8005, -19.8349, -4.4294 Background



This preview shows how black text looks on a background with the HunterLab color 37.8005, -19.8349, -4.4294.



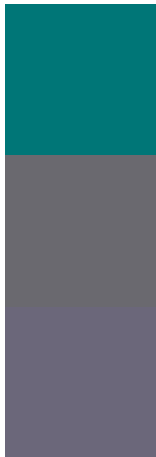
This preview shows how white text looks on a background with the HunterLab color 37.8005,

-19.8349, -4.4294.

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

37.8005, -19.8349, -4.4294

Protanopia

37.8352, -0.8004, -0.2670

Deuteranopia

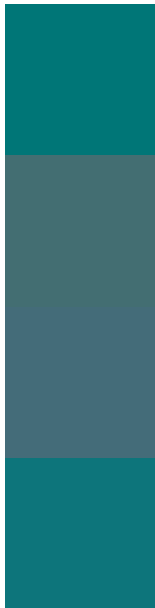
37.7246, 2.2434, -5.6529



Tritanopia

37.9179, -17.3241, -7.8027

Trichromacy



Original Color

37.8005, -19.8349, -4.4294

Protanomaly

36.8240, -11.4701, -3.1420

Deuteranomaly

36.5165, -9.1675, -7.0297

Tritanomaly

37.7335, -18.2438, -6.5122

Monochromacy



Original Color

37.8005, -19.8349, -4.4294

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

31.5708, -11.3607, -1.5277

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.8005, -19.8349, -4.4294 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, 118, 119)` looks like.

```
.text, #text, p{  
    color:rgb(0, 118, 119)  
}
```

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, 118, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 118, 119) }
```

Border

The CSS property to change the border of an element to HunterLab 37.8005, -19.8349, -4.4294 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, 118, 119) }
```


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

```
.border{ border-color:rgb(0, 118, 119) }
```

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

Here you see how a box with a 4 pixel rgb(0, 118, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 118, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 118, 119);  
box-shadow:4px 4px 4px 4px rgb(0, 118,  
119) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.8005, -19.8349, -4.4294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 118, 119) }
```

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

```
.background{ background-color: rgb(0, 118,  
119) }
```

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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