

Converting Colors

HunterLab(37.9590, -19.6367,
0.2331)

Have a look what the booklet for
HunterLab(37.9590, -19.6367,
0.2331) contains.

HunterLab(37.9715, -19.7613, 0.4610)	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(37.9715,
-19.7613, 0.4610)**

Conversions

Conversions Part 1	
Format	Color
Hex	23766D
RGB	35, 118, 109
RGB Percent	14%, 46%, 43%
CMY	0.8627, 0.5372, 0.5725
CMYK	0.70, 0.00, 0.08, 0.54
HSL	173°, 54%, 30%
HSV	173°, 70%, 46%
XYZ	9.9319, 14.4183, 16.7276
YIQ	92.1570, -46.5790, -20.3950

Conversions

Conversions Part 2

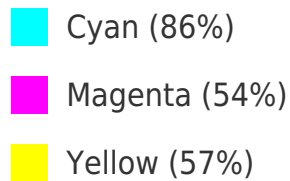
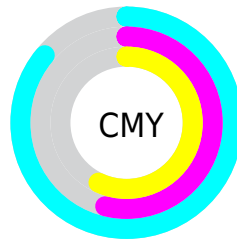
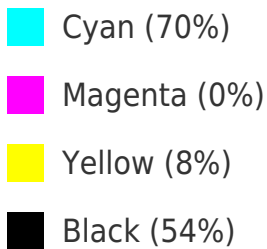
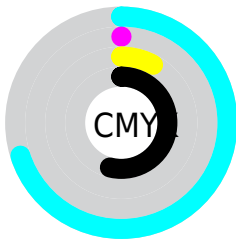
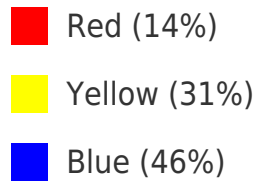
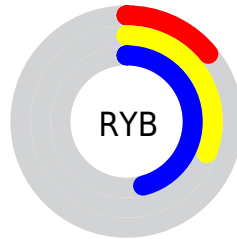
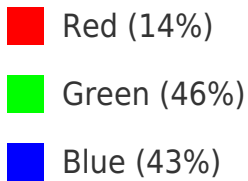
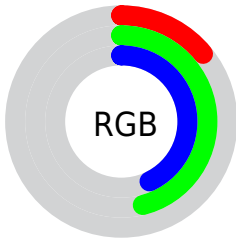
Format	Color
RYB	35, 79, 118
Decimal	2324077
CIELab	44.83, -26.68, -2.24
CIELCh	45, 26.774, 184.802
Yxy	14.4189, 0.2418, 0.3510
Android (android.graphics.Color)	4280514157 (0xFF23766D)
YUV	92.1570, 8.3036, -50.1267
Hunter-Lab	37.9715, -19.7613, 0.4610

Details

The HunterLab color **37.9715, -19.7613, 0.4610** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **22.8820, 26.4773, 8.3878**, and the grayscale version is **32.7561, -1.7478, 1.7797**.

A 20% lighter version of the original color is **58.2574, -24.3649, 1.6241**, and **21.4570, -12.6127, 0.4079** is the 20% darker color. If you saturate the color by 10%, you get **37.7077, -20.8818, 0.6842**, and if you desaturate by 10%, it is **38.3262, -18.2998, 0.3510**.


Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 37.9715, -19.7613, 0.4610 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 37.9715, -19.7613, 0.4610 by changing the saturation by 10% instead.


 37.9715, -19.7613,
0.4610


 37.9715, -19.7613,
0.4610


148.2638,
-37.6340, 5.5742


 29.0045, -17.4263,
0.1051


 58.1640, -24.0853,
1.3251


 20.8808, -14.9083,
-0.1924

 69.2853, -26.1321,
1.8233

 13.7002, -12.1095,
-0.4209


 81.0370, -28.1261,
2.3614

 7.3107, -12.7938,
-0.8729

 93.3869, -30.0793,
2.9369

0.0000, NaN, NaN

0.0000, NaN, NaN

 106.3073,
-32.0005, 3.5476

0.0000, NaN, NaN

 119.7741,

0.0000, NaN, NaN

-33.8966, 4.1918

0.0000, NaN, NaN

133.7659,
-35.7730, 4.8678

■ 37.9715, -19.7613,
0.4610

■ 37.9715, -19.7613,
0.4610

■ 37.7077, -20.8818,
0.6842

■ 38.3262, -18.2998,
0.3510

■ 37.5248, -21.6835,
1.0076

■ 38.7753, -16.4861,
0.3608

■ 37.3918, -22.2855,
1.3714

■ 39.3233, -14.3197,
0.4958

■ 39.9725, -11.8090,
0.7580

■ 40.7239, -8.9693,
1.1467

■ 41.5770, -5.8217,
1.6588

■ 42.5304, -2.3911,
2.2894

■ 43.5821, 1.2954,
3.0322

■ 44.7290, 5.2095,
3.8798

Harmonies

Analogous

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



37.9722, -18.2868, 9.2228



37.9715, -19.7613, 0.4610



37.9722, -16.9131, -10.2854

Triad

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



37.9722, -19.7615, 0.4615



37.9722, 9.9053, -16.8067



37.9722, 6.7450, 15.4327

Complementary

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



37.9715, -19.7613, 0.4610



22.8820, 26.4773, 8.3878

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.



37.9722, 15.5745, 11.2968



37.9715, -19.7613, 0.4610



37.9722, 17.5307, -6.8265

Square

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



37.9722, -19.7615, 0.4615



37.9722, -0.3618, -21.8044



37.9722, 19.7077, 3.6052



37.9722, -3.6662, 16.4196

Rectangle

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



37.9715, -19.7613, 0.4610



37.9722, -12.7476, -16.6978



37.9722, 19.7077, 3.6052



37.9722, 10.0305, 14.4307

Sweetspot

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



37.9722, -19.7615, 0.4615



53.8744, -12.3621, 1.4506



36.9182, -26.6492, 19.7281



25.7277, -6.3212, 0.6387



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



37.9722, -19.7615, 0.4615



49.8483, -28.3500, 1.1389



28.8977, -5.4417, -17.4555



20.3685, -2.6325, 0.8473



38.8900, -23.1877, 1.4464



85.8056, -51.4571, 3.8316

Inverse Universe

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



22.8820, 26.4773, 8.3878



27.5467, 41.4113, 13.6758



28.2241, 12.4059, 14.2678



19.2529, 0.5986, 1.3445



20.4856, 35.2276, 12.1108



45.1499, 77.4969, 27.8081

Previews

White Background



This preview shows how the HunterLab color 37.9715, -19.7613, 0.4610 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 37.9715, -19.7613, 0.4610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

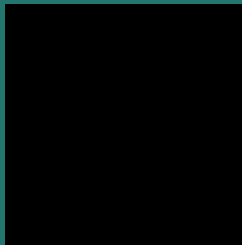
Any Text WCAG AA × Fail

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 37.9715, -19.7613, 0.4610 Background



This preview shows how black text looks on a background with the HunterLab color 37.9715, -19.7613, 0.4610.



This preview shows how white text looks on a background with the HunterLab color 37.9715, -19.7613, 0.4610.

-19.7613, 0.4610.

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

37.9715, -19.7613, 0.4610

Protanopia

37.7500, -1.5935, 3.4905

Deuteranopia

37.6607, 2.7531, -0.8785



Tritanopia

38.0880, -15.1689, -6.9983

Trichromacy



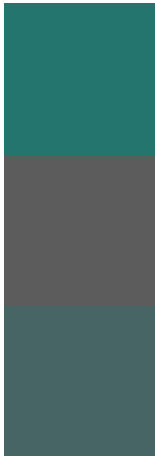
Original Color
37.9715, -19.7613, 0.4610

Protanomaly
37.3110, -10.1857, 1.5752

Deuteranomaly
37.1539, -7.4723, -1.2358

Tritanomaly
38.1129, -17.0270, -3.9634

Monochromacy



Original Color
37.9715, -19.7613, 0.4610

Achromatopsia
32.7144, -1.7456, 1.7774

Achromatomaly
33.9541, -9.7042, 0.5748

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.9715, -19.7613, 0.4610 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(35, 118, 109)` looks like.

```
.text, #text, p{  
    color:rgb(35, 118, 109)  
}
```

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(35, 118, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 118, 109) }
```

Border

The CSS property to change the border of an element to HunterLab 37.9715, -19.7613, 0.4610 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(35, 118, 109) }
```


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

```
.border{ border-color:rgb(35, 118, 109) }
```

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

Here you see how a box with a 4 pixel rgb(35, 118, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 118, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 118, 109);  
box-shadow:4px 4px 4px 4px rgb(35, 118,  
109) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.9715, -19.7613, 0.4610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(35, 118, 109) }
```

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

```
.background{ background-color:rgb(35, 118,  
109) }
```

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