

Converting Colors

HunterLab(34.6061, -19.5031,
1.0853)

Have a look what the booklet for
HunterLab(34.6061, -19.5031,
1.0853) contains.

HunterLab(34.5797, -19.5190, 1.1536)	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(34.5797,
-19.5190, 1.1536)**

Conversions

Conversions Part 1

Format	Color
Hex	136D62
RGB	19, 109, 98
RGB Percent	7%, 43%, 38%
CMY	0.9255, 0.5725, 0.6157
CMYK	0.83, 0.00, 0.10, 0.57
HSL	173°, 70%, 25%
HSV	173°, 83%, 43%
XYZ	7.9418, 11.9576, 13.4447
YIQ	80.8360, -50.1090, -22.5010

Conversions

Conversions Part 2

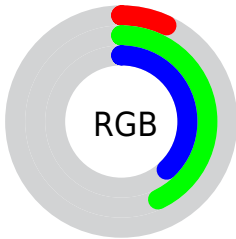
Format	Color
RYB	19, 67, 109
Decimal	1273186
CIELab	41.15, -27.74, -1.06
CIElCh	41, 27.760, 182.188
Yxy	11.9580, 0.2382, 0.3586
Android (android.graphics.Color)	4279463266 (0xFF136D62)
YUV	80.8360, 8.4619, -54.2302
Hunter-Lab	34.5797, -19.5190, 1.1536

Details

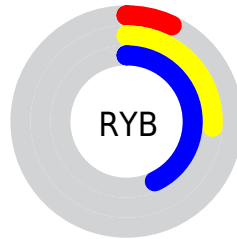
The HunterLab color **34.5797, -19.5190, 1.1536** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **19.5219, 27.7780, 8.7837**, and the grayscale version is **28.6100, -1.5266, 1.5544**.

A 20% lighter version of the original color is **54.2301, -23.9272, 1.9106**, and **18.9352, -11.5625, 1.2927** is the 20% darker color. If you saturate the color by 10%, you get **34.4193, -20.2361, 1.5129**, and if you desaturate by 10%, it is **34.8131, -18.5214, 0.8809**.

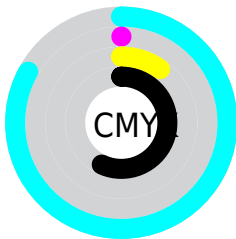
Distribution



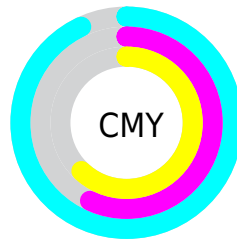
- Red (7%)
- Green (43%)
- Blue (38%)



- Red (7%)
- Yellow (26%)
- Blue (43%)



- Cyan (83%)
- Magenta (0%)
- Yellow (10%)
- Black (57%)



- Cyan (93%)
- Magenta (57%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.5797, -19.5190, 1.1536 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 34.5797, -19.5190, 1.1536 by changing the saturation by 10% instead.

■ 34.5797, -19.5190,
1.1536

■ 34.5797, -19.5190,
1.1536

142.8731,
-38.0646, 6.6160

■ 25.9135, -17.0415,
0.7475

■ 54.2389, -24.0582,
2.1085

■ 18.1234, -14.3397,
0.3959

■ 65.1192, -26.1910,
2.6486

■ 11.3227, -11.9958,
0.1084

■ 76.6430, -28.2615,
3.2265

■ 3.5670, -6.2423,
-1.0377

■ 88.7763, -30.2837,
3.8401

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.4899,
-32.2680, 4.4874

0.0000, NaN, NaN

■ 114.7583,

0.0000, NaN, NaN

-34.2223, 5.1667

0.0000, NaN, NaN

128.5593,
-36.1529, 5.8767

■ 34.5797, -19.5190,
1.1536

■ 34.5797, -19.5190,
1.1536

■ 34.4193, -20.2361,
1.5129

■ 34.8131, -18.5214,
0.8809

■ 34.3165, -20.7023,
1.7977

■ 35.1257, -17.2171,
0.7058

■ 35.5235, -15.5954,
0.6369

■ 36.0103, -13.6546,
0.6794

■ 36.5883, -11.4011,
0.8360

■ 37.2583, -8.8479,
1.1068

■ 38.0204, -6.0131,
1.4899

■ 38.8733, -2.9188,
1.9818

■ 39.8154, 0.4110,
2.5771

Harmonies

Analogous

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



34.5804, -17.7001, 9.5792



34.5797, -19.5190, 1.1536



34.5804, -17.0832, -9.7530

Triad

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



34.5804, -19.5192, 1.1540



34.5804, 9.3662, -18.1960



34.5804, 7.9024, 14.7579

Complementary

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



34.5797, -19.5190, 1.1536



19.5219, 27.7780, 8.7837

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.



34.5804, 16.5912, 10.5005



34.5797, -19.5190, 1.1536



34.5804, 17.5035, -8.1289

Square

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



34.5804, -19.5192, 1.1540



34.5804, -1.0863, -22.7786



34.5804, 20.2892, 2.5951



34.5804, -2.6011, 15.9269

Rectangle

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



34.5797, -19.5190, 1.1536



34.5804, -13.1863, -16.5884



34.5804, 20.2892, 2.5951



34.5804, 11.1726, 13.7172

Sweetspot

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



34.5804, -19.5192, 1.1540



49.5626, -12.9507, 1.3513



33.5799, -26.0645, 19.1472



23.7951, -6.6800, 0.6052



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



34.5804, -19.5192, 1.1540



45.9218, -27.7121, 2.5365



25.3220, -4.7408, -18.3569



18.6704, -2.3982, 0.8067



37.1094, -22.4080, 1.9889



83.7161, -50.8912, 5.2217

Inverse Universe

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



19.5219, 27.7780, 8.7837



24.2875, 41.4546, 14.2192



23.9890, 14.9619, 13.5205



17.6699, 0.5294, 1.2032



19.5841, 33.7049, 11.3631



44.1247, 75.7764, 26.8724

Previews

White Background



This preview shows how the HunterLab color 34.5797, -19.5190, 1.1536 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 34.5797, -19.5190, 1.1536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

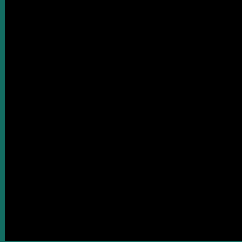
Any Text WCAG AA × Fail

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 34.5797, -19.5190, 1.1536 Background



This preview shows how black text looks on a background with the HunterLab color 34.5797, -19.5190, 1.1536.



This preview shows how white text looks on a background with the HunterLab color 34.5797, -19.5190, 1.1536.

-19.5190, 1.1536.

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

34.5797, -19.5190, 1.1536

Protanopia

34.3953, -1.4100, 4.1084

Deuteranopia

34.4790, 2.1000, 0.1111



Tritanopia

34.7513, -14.6921, -6.5164

Trichromacy



Original Color

34.5797, -19.5190, 1.1536

Protanomaly

33.8454, -10.3259, 2.1237

Deuteranomaly

33.5563, -8.1372, -0.7678

Tritanomaly

34.7507, -16.6301, -3.5625

Monochromacy



Original Color

34.5797, -19.5190, 1.1536

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

30.1162, -9.9911, 0.6310

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.5797, -19.5190, 1.1536 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(19, 109, 98)` looks like.

```
.text, #text, p{  
    color:rgb(19, 109, 98)  
}
```

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(19, 109, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 109, 98) }
```

Border

The CSS property to change the border of an element to HunterLab 34.5797, -19.5190, 1.1536 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(19, 109, 98) }
```


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

```
.border{ border-color:rgb(19, 109, 98) }
```

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

Here you see how a box with a 4 pixel rgb(19, 109, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 109, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 109, 98);  
box-shadow:4px 4px 4px 4px rgb(19, 109,  
98) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.5797, -19.5190, 1.1536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 109, 98) }
```

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

```
.background{ background-color: rgb(19, 109,  
98) }
```

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