

Converting Colors

HunterLab(37.4488, -11.8959,
-19.6710)

Have a look what the booklet for
HunterLab(37.4488, -11.8959,
-19.6710) contains.

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Color

**HunterLab(37.3579,
-11.7997, -19.7016)**

Conversions

Conversions Part 1

Format	Color
Hex	0F7191
RGB	15, 113, 145
RGB Percent	6%, 44%, 57%
CMY	0.9411, 0.5569, 0.4314
CMYK	0.90, 0.22, 0.00, 0.43
HSL	195°, 81%, 31%
HSV	195°, 90%, 57%
XYZ	11.2129, 13.9561, 28.8909
YIQ	87.3460, -68.6800, -10.8240

Conversions

Conversions Part 2

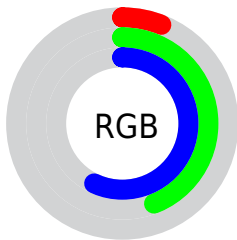
Format	Color
RYB	15, 71, 145
Decimal	1012113
CIELab	44.17, -14.13, -24.78
CIELCh	44, 28.521, 240.306
Yxy	13.9566, 0.2074, 0.2582
Android (android.graphics.Color)	4279202193 (0xFF0F7191)
YUV	87.3460, 28.4234, -63.4474
Hunter-Lab	37.3579, -11.7997, -19.7016

Details

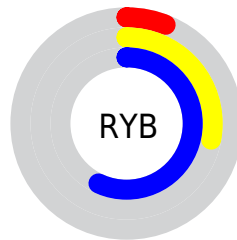
The HunterLab color **37.3579, -11.7997, -19.7016** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **28.4404, 30.4441, 17.1144**, and the grayscale version is **30.9180, -1.6497, 1.6798**.

A 20% lighter version of the original color is **57.4978, -14.6449, -20.5435**, and **21.4214, -4.9005, -16.1961** is the 20% darker color. If you saturate the color by 10%, you get **36.1626, -10.8037, -21.8265**, and if you desaturate by 10%, it is **38.6471, -12.4678, -17.5011**.

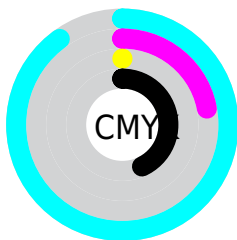
Distribution



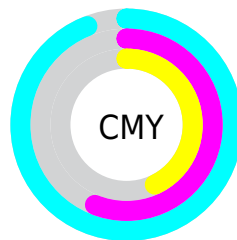
- Red (6%)
- Green (44%)
- Blue (57%)



- Red (6%)
- Yellow (28%)
- Blue (57%)



- Cyan (90%)
- Magenta (22%)
- Yellow (0%)
- Black (43%)



- Cyan (94%)
- Magenta (56%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.3579, -11.7997, -19.7016 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 37.3579, -11.7997, -19.7016 by changing the saturation by 10% instead.

37.3579, -11.7997,
-19.7016

37.3579, -11.7997,
-19.7016

147.2959,
-23.8763, -21.9754

28.4438, -10.3730,
-19.1807

57.4561, -14.5429,
-20.6065

20.3787, -8.8800,
-18.6619

68.5347, -15.8852,
-20.9722

13.2645, -7.2751,
-18.2665

80.2461, -17.2181,
-21.2780

6.7950, -9.4231,
-20.3261

92.5575, -18.5466,
-21.5253

0.0000, NaN, -NF

0.0000, NaN, NaN

105.4413,
-19.8743, -21.7162

0.0000, NaN, NaN

118.8728,

0.0000, NaN, NaN

-21.2038, -21.8533

0.0000, NaN, NaN

132.8307,
-22.5372, -21.9389

■ 37.3579, -11.7997,
-19.7016

■ 37.3579, -11.7997,
-19.7016

■ 36.1626, -10.8037,
-21.8265

■ 38.6471, -12.4678,
-17.5011

■ 36.1203, -10.7676,
-21.9032

■ 40.0586, -12.6935,
-15.1871

■ 41.5959, -12.4688,
-12.7707

■ 43.2580, -11.8029,
-10.2677

■ 45.0418, -10.7162,
-7.6954

■ 46.9428, -9.2359,
-5.0701

■ 48.9556, -7.3928,
-2.4065

■ 51.0741, -5.2192,
0.2828

■ 53.2925, -2.7465,
2.9875

Harmonies

Analogous

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



37.3585, -18.3882, -9.4610



37.3579, -11.7997, -19.7016



37.3585, -1.8835, -23.8269

Triad

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



37.3585, -11.7994, -19.7009



37.3585, 21.2982, 2.1397



37.3585, -11.9724, 15.4529

Complementary

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



37.3579, -11.7997, -19.7016



28.4404, 30.4441, 17.1144

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.



37.3585, -2.1071, 16.9572



37.3579, -11.7997, -19.7016



37.3585, 17.8254, 10.7430

Square

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



37.3585, -11.7994, -19.7009



37.3585, 17.9595, -9.2226



37.3585, 8.9372, 15.5147



37.3585, -18.4798, 10.6059

Rectangle

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



37.3579, -11.7997, -19.7016



37.3585, 5.5418, -21.8448



37.3585, 8.9372, 15.5147



37.3585, -8.9786, 16.2920

Sweetspot

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



37.3585, -11.7994, -19.7009



63.3685, -11.8849, -6.0466



45.3264, -36.7775, 23.9928



29.5174, -5.9242, -3.3519



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



37.3585, -11.7994, -19.7009



48.0422, -13.9906, -29.8468



20.9758, 18.0533, -62.4784



24.2786, -2.4230, 0.1953



33.5149, -10.0609, -20.1723



3.7676, -1.6422, -1.1641

Inverse Universe

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



27.4849, 48.2077, -15.9221



35.6944, 66.6198, -19.5084



41.5684, 1.8701, 25.0015



23.4279, 1.4421, -0.0533



24.7392, 46.2345, -13.9974



2.4900, 4.7718, -2.3251

Previews

White Background



This preview shows how the HunterLab color 37.3579, -11.7997, -19.7016 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 37.3579, -11.7997, -19.7016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

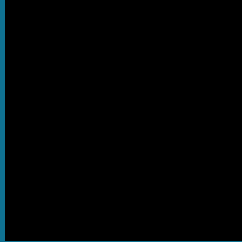
Any Text WCAG AA × Fail

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 37.3579, -11.7997, -19.7016 Background



This preview shows how black text looks on a background with the HunterLab color 37.3579, -11.7997, -19.7016.



This preview shows how white text looks on a background with the HunterLab color 37.3579, -11.7997, -19.7016.

-11.7997, -19.7016.

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

37.3579, -11.7997, -19.7016

Protanopia

37.3357, 2.0018, -14.5425

Deuteranopia

37.2583, 2.5469, -20.9236



Tritanopia

37.3784, -17.9102, -8.0569

Trichromacy



Original Color

37.3579, -11.7997, -19.7016

Protanomaly

36.8335, -5.1514, -17.3311

Deuteranomaly

36.8549, -4.5818, -21.1188

Tritanomaly

37.3626, -15.8985, -11.8969

Monochromacy



Original Color

37.3579, -11.7997, -19.7016

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

32.3118, -7.8540, -6.2599

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.3579, -11.7997, -19.7016 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(15, 113, 145)` looks like.

```
.text, #text, p{  
    color:rgb(15, 113, 145)  
}
```

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(15, 113, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 113, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 37.3579, -11.7997, -19.7016 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(15, 113, 145) }
```


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

```
.border{ border-color:rgb(15, 113, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 113, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 113, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 113, 145);  
box-shadow:4px 4px 4px 4px rgb(15, 113,  
145) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.3579, -11.7997, -19.7016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 113, 145) }
```

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

```
.background{ background-color: rgb(15, 113,  
145) }
```

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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