

Converting Colors

HunterLab(37.8099, -11.2755,
0.7493)

Have a look what the booklet for
HunterLab(37.8099, -11.2755,
0.7493) contains.

HunterLab(37.8031, -11.1799, 0.8471)	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(37.8031,
-11.1799, 0.8471)**

Conversions

Conversions Part 1

Format	Color
Hex	4E706C
RGB	78, 112, 108
RGB Percent	31%, 44%, 42%
CMY	0.6941, 0.5608, 0.5765
CMYK	0.30, 0.00, 0.04, 0.56
HSL	173°, 18%, 37%
HSV	173°, 30%, 44%
XYZ	11.6428, 14.2907, 16.3321
YIQ	101.3780, -18.9800, -8.4520

Conversions

Conversions Part 2

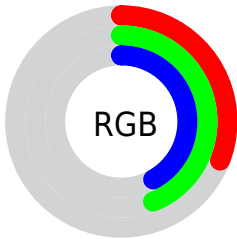
Format	Color
R_{YB}	78, 96, 112
Decimal	5140588
CIE _{Lab}	44.65, -13.09, -1.70
CIE _{LCh}	45, 13.201, 187.401
Yxy	14.2913, 0.2755, 0.3381
Android (android.graphics.Color)	4283330668 (0xFF4E706C)
YUV	101.3780, 3.2646, -20.5025
Hunter-Lab	37.8031, -11.1799, 0.8471

Details

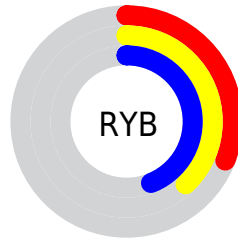
The HunterLab color $37.8031, -11.1799, 0.8471$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $30.8272, 9.3409, 3.8049$, and the grayscale version is $36.2107, -1.9321, 1.9674$.

A 20% lighter version of the original color is $58.0029, -13.9964, 1.9673$, and $20.7244, -8.3549, -0.0064$ is the 20% darker color. If you saturate the color by 10%, you get $37.1887, -13.5647, 0.6407$, and if you desaturate by 10%, it is $38.5145, -8.4891, 1.1727$.

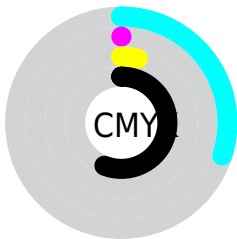
Distribution



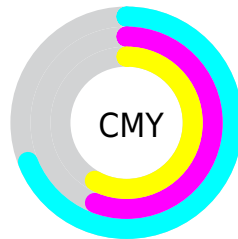
- Red (31%)
- Green (44%)
- Blue (42%)



- Red (31%)
- Yellow (38%)
- Blue (44%)



- Cyan (30%)
- Magenta (0%)
- Yellow (4%)
- Black (56%)



- Cyan (69%)
- Magenta (56%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.8031, -11.1799, 0.8471 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 37.8031, -11.1799, 0.8471 by changing the saturation by 10% instead.

■ 37.8031, -11.1799,
0.8471

■ 37.8031, -11.1799,
0.8471

147.9985,
-22.7872, 6.1671

■ 28.8506, -9.8290,
0.4610

■ 57.9699, -13.7946,
1.7656

■ 20.7429, -8.4217,
0.1305

■ 69.0795, -15.0796,
2.2886

■ 13.5804, -6.9188,
-0.1347

■ 80.8202, -16.3590,
2.8503

■ 7.1732, -8.3356,
-0.5922

■ 93.1596, -17.6369,
3.4483

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.0700,
-18.9166, 4.0806

0.0000, NaN, NaN

119.5271,

0.0000, NaN, NaN

-20.2004, 4.7454

0.0000, NaN, NaN

133.5097,
-21.4902, 5.4413

■ 37.8031, -11.1799,
0.8471

■ 37.8031, -11.1799,
0.8471

■ 37.1887, -13.5647,
0.6407

■ 38.5145, -8.4891,
1.1727

■ 36.6682, -15.6274,
0.5524

■ 39.3203, -5.5106,
1.6134

■ 36.2404, -17.3604,
0.5805

■ 40.2199, -2.2682,
2.1654

■ 35.9017, -18.7638,
0.7205

■ 41.2112, 1.2127,
2.8229

■ 35.6470, -19.8469,
0.9645

■ 42.2916, 4.9057,
3.5793

■ 35.4690, -20.6301,
1.3018

■ 43.4579, 8.7851,
4.4275

■ 35.3359, -21.2338,
1.6708

■ 44.7065, 12.8258,
5.3598

■ 46.0339, 17.0047,
6.3688

■ 47.4362, 21.3008,
7.4473

Harmonies

Analogous

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



37.8039, -10.5780, 5.4402



37.8031, -11.1799, 0.8471



37.8039, -9.4326, -3.9980

Triad

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



37.8039, -11.1804, 0.8476



37.8039, 4.0656, -6.0461



37.8039, 1.7877, 9.6353

Complementary

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



37.8031, -11.1799, 0.8471



30.8272, 9.3409, 3.8049

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.



37.8039, 6.0136, 7.2525



37.8031, -11.1799, 0.8471



37.8039, 7.3762, -1.6693

Square

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



37.8039, -11.1804, 0.8476



37.8039, -0.7593, -8.3039



37.8039, 8.1072, 3.2292



37.8039, -3.2627, 10.1243

Rectangle

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



37.8031, -11.1799, 0.8471



37.8039, -7.1129, -6.5869



37.8039, 8.1072, 3.2292



37.8039, 3.3595, 9.0460

Sweetspot

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



37.8039, -11.1804, 0.8476



52.2427, -6.8387, 2.2132



37.3588, -14.2726, 11.3310



25.5415, -3.5894, 1.0466



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



37.8039, -11.1804, 0.8476



49.5540, -16.9470, 0.9251



34.3731, -5.2136, -5.3531



19.5160, -2.5169, 0.8323



37.9897, -22.8471, 1.8364



84.7410, -51.2872, 4.7955

Inverse Universe

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



30.8272, 9.3409, 3.8049



38.4563, 15.8617, 5.7044



33.7440, 3.1213, 8.1827



18.4589, 0.5658, 1.2684



20.0358, 34.4716, 11.7090



44.6398, 76.6469, 27.2953

Previews

White Background



This preview shows how the HunterLab color 37.8031, -11.1799, 0.8471 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 37.8031, -11.1799, 0.8471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

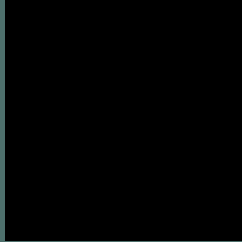
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

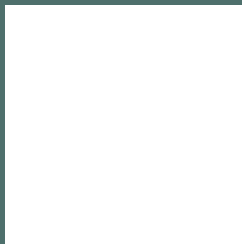
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 37.8031, -11.1799, 0.8471 Background



This preview shows how black text looks on a background with the HunterLab color 37.8031, -11.1799, 0.8471.



This preview shows how white text looks on a background with the HunterLab color 37.8031,

-11.1799, 0.8471.

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

37.8031, -11.1799, 0.8471

Protanopia

37.7206, -1.5889, 2.6298

Deuteranopia

37.6022, 2.4395, -0.0473



Tritanopia

37.7268, -7.8303, -4.3181

Trichromacy



Original Color

37.8031, -11.1799, 0.8471

Protanomaly

37.7251, -5.7562, 2.1410

Deuteranomaly

37.5786, -3.2051, 0.2726

Tritanomaly

37.8314, -9.1738, -2.2688

Monochromacy



Original Color

37.8031, -11.1799, 0.8471

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

36.6467, -5.3676, 1.2986

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.8031, -11.1799, 0.8471 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(78, 112, 108)` looks like.

```
.text, #text, p{  
    color:rgb(78, 112, 108)  
}
```

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(78, 112, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 112, 108) }
```

Border

The CSS property to change the border of an element to HunterLab 37.8031, -11.1799, 0.8471 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(78, 112, 108) }
```


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

```
.border{ border-color:rgb(78, 112, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 112, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 112, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 112, 108);  
box-shadow:4px 4px 4px 4px rgb(78, 112,  
108) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.8031, -11.1799, 0.8471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 112, 108) }
```

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

```
.background{ background-color: rgb(78, 112,  
108) }
```

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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