

Converting Colors

HunterLab(33.8050, -11.6160,
-0.6531)

Have a look what the booklet for
HunterLab(33.8050, -11.6160,
-0.6531) contains.

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Color

**HunterLab(33.7860,
-11.7026, -0.5438)**

Conversions

Conversions Part 1

Format	Color
Hex	3D6664
RGB	61, 102, 100
RGB Percent	24%, 40%, 39%
CMY	0.7608, 0.6000, 0.6078
CMYK	0.40, 0.00, 0.02, 0.60
HSL	177°, 25%, 32%
HSV	177°, 40%, 40%
XYZ	8.9761, 11.4149, 13.7868
YIQ	89.5130, -23.7940, -9.3140

Conversions

Conversions Part 2

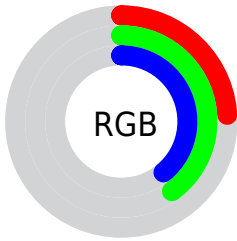
Format	Color
R _{YB}	61, 82, 102
Decimal	4023908
CIE Lab	40.27, -14.85, -3.41
CIE LCh	40, 15.239, 192.935
Yxy	11.4154, 0.2626, 0.3340
Android (android.graphics.Color)	4282213988 (0xFF3D6664)
YUV	89.5130, 5.1701, -25.0059
Hunter-Lab	33.7860, -11.7026, -0.5438

Details

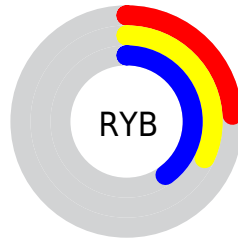
The HunterLab color $33.7860, -11.7026, -0.5438$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $25.5372, 11.5488, 5.0189$, and the grayscale version is $31.7842, -1.6959, 1.7269$.

A 20% lighter version of the original color is $53.2882, -14.4267, 0.0077$, and $17.4945, -8.7110, -0.7874$ is the 20% darker color. If you saturate the color by 10%, you get $33.3351, -13.4475, -0.9147$, and if you desaturate by 10%, it is $34.3222, -9.6722, -0.0666$.

Distribution



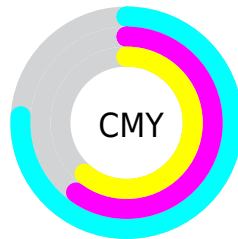
- Red (24%)
- Green (40%)
- Blue (39%)



- Red (24%)
- Yellow (32%)
- Blue (40%)



- Cyan (40%)
- Magenta (0%)
- Yellow (2%)
- Black (60%)



- Cyan (76%)
- Magenta (60%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.7860, -11.7026, -0.5438 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 33.7860, -11.7026, -0.5438 by changing the saturation by 10% instead.

■ 33.7860, -11.7026,
-0.5438

■ 33.7860, -11.7026,
-0.5438

■ 141.5965,
-24.1431, 3.9479

■ 25.1932, -10.2008,
-0.8053

■ 53.3158, -14.5614,
0.1537

■ 17.4848, -8.6103,
-0.9979

■ 64.1378, -15.9500,
0.5768

■ 10.7780, -6.9666,
-1.1066

■ 75.6065, -17.3243,
1.0441

■ 1.7336, -3.0338,
-8.0618

■ 87.6876, -18.6901,
1.5523

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.3512,
-20.0521, 2.0988

0.0000, NaN, NaN

■ 113.5719,

0.0000, NaN, NaN

-21.4133, 2.6815

0.0000, NaN, NaN

127.3270,
-22.7763, 3.2984

■ 33.7860, -11.7026,
-0.5438

■ 33.7860, -11.7026,
-0.5438

■ 33.3351, -13.4475,
-0.9147

■ 34.3222, -9.6722,
-0.0666

■ 32.9656, -14.8997,
-1.1804

■ 34.9425, -7.3670,
0.5133

■ 32.6752, -16.0604,
-1.3427

■ 35.6473, -4.8037,
1.1921

■ 32.4592, -16.9387,
-1.4064

■ 36.4356, -2.0020,
1.9645

■ 32.3114, -17.5523,
-1.3792

■ 37.3056, 1.0164,
2.8241

■ 32.1972, -18.0347,
-1.3119

■ 38.2551, 4.2290,
3.7639

■ 39.2814, 7.6131,
4.7766

■ 40.3814, 11.1469,
5.8551

■ 41.5519, 14.8099,
6.9923

Harmonies

Analogous

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



33.7867, -11.5251, 4.7183



33.7860, -11.7026, -0.5438



33.7867, -9.3563, -5.9374

Triad

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



33.7867, -11.7029, -0.5433



33.7867, 5.8743, -6.5839



33.7867, 1.4248, 10.2628

Complementary

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



33.7860, -11.7026, -0.5438



25.5372, 11.5488, 5.0189

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.



33.7867, 6.4749, 8.1176



33.7860, -11.7026, -0.5438



33.7867, 9.1566, -1.3181

Square

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



33.7867, -11.7029, -0.5433



33.7867, 0.6480, -9.7894



33.7867, 9.3833, 4.0597



33.7867, -4.1892, 10.4008

Rectangle

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



33.7860, -11.7026, -0.5438



33.7867, -6.5813, -8.6528



33.7867, 9.3833, 4.0597



33.7867, 3.2532, 9.7709

Sweetspot

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



33.7867, -11.7029, -0.5433



46.9970, -7.1184, 1.3748



33.0129, -16.4249, 12.1255



22.7893, -3.5925, 0.6316



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



33.7867, -11.7029, -0.5433



44.1897, -17.6336, -1.1763



28.6754, -3.7534, -8.3879



17.8410, -2.2260, 0.6416



36.4854, -20.4513, -1.4552



83.3008, -46.8431, -2.9980

Inverse Universe

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



25.5372, 11.5488, 5.0189



31.1015, 19.6469, 7.8018



29.6971, 3.0322, 9.5376



16.8773, 0.4425, 1.2730



19.0793, 32.7382, 11.8299



43.5289, 74.6045, 27.6622

Previews

White Background



This preview shows how the HunterLab color 33.7860, -11.7026, -0.5438 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 33.7860, -11.7026, -0.5438 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 33.7860, -11.7026, -0.5438 Background



This preview shows how black text looks on a background with the HunterLab color 33.7860, -11.7026, -0.5438.



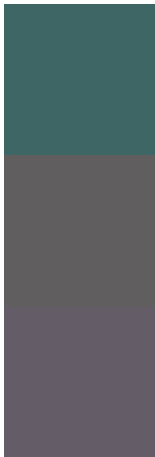
This preview shows how white text looks on a background with the HunterLab color 33.7860,

-11.7026, -0.5438.

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

33.7860, -11.7026, -0.5438

Protanopia

33.6429, -1.0843, 1.6317

Deuteranopia

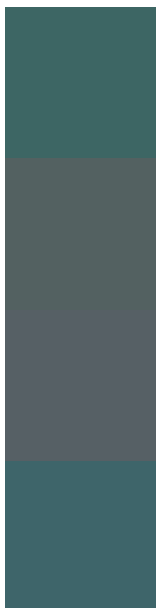
33.6496, 2.0160, -1.3788



Tritanopia

33.8648, -9.3796, -4.6272

Trichromacy



Original Color

33.7860, -11.7026, -0.5438

Protanomaly

33.5432, -5.4875, 0.5832

Deuteranomaly

33.5913, -3.6821, -1.0967

Tritanomaly

33.7225, -10.0958, -3.3709

Monochromacy



Original Color

33.7860, -11.7026, -0.5438

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

32.3664, -5.6412, 0.4467

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.7860, -11.7026, -0.5438 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(61, 102, 100)` looks like.

```
.text, #text, p{  
    color:rgb(61, 102, 100)  
}
```

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(61, 102, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 102, 100) }
```

Border

The CSS property to change the border of an element to HunterLab 33.7860, -11.7026, -0.5438 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(61, 102, 100) }
```


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

```
.border{ border-color:rgb(61, 102, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 102, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 102, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 102, 100);  
box-shadow:4px 4px 4px 4px rgb(61, 102,  
100) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.7860, -11.7026, -0.5438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 102, 100) }
```

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

```
.background{ background-color: rgb(61, 102,  
100) }
```

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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