

Converting Colors

HunterLab(33.4876, -36.8671,
-34.0750)

Have a look what the booklet for
HunterLab(33.4876, -36.8671,
-34.0750) contains.

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Color

**HunterLab(39.4040,
-12.6511, -21.9415)**

Conversions

Conversions Part 1

Format	Color
Hex	00779A
RGB	0, 119, 154
RGB Percent	0%, 47%, 60%
CMY	0.9999, 0.5333, 0.3961
CMYK	1.00, 0.23, 0.00, 0.40
HSL	194°, 100%, 30%
HSV	194°, 100%, 60%
XYZ	12.4296, 15.5268, 32.9137
YIQ	87.4090, -82.1590, -14.3430

Conversions

Conversions Part 2

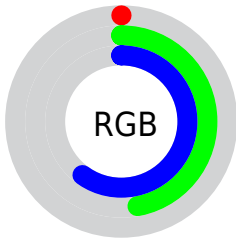
Format	Color
RYB	0, 67, 154
Decimal	30618
CIELab	46.35, -14.95, -26.73
CIElCh	46, 30.625, 240.786
Yxy	15.5273, 0.2042, 0.2551
Android (android.graphics.Color)	4278220698 (0xFF00779A)
YUV	87.4090, 32.8294, -76.6577
Hunter-Lab	39.4040, -12.6511, -21.9415

Details

The HunterLab color **39.4040, -12.6511, -21.9415** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **28.4141, 37.7750, 18.1685**, and the grayscale version is **30.9300, -1.6503, 1.6805**.

A 20% lighter version of the original color is **59.7559, -15.2293, -23.2966**, and **23.4217, -5.1577, -18.1410** is the 20% darker color. If you saturate the color by 10%, you get **39.4028, -12.6492, -21.9441**, and if you desaturate by 10%, it is **40.5967, -13.6289, -19.8726**.

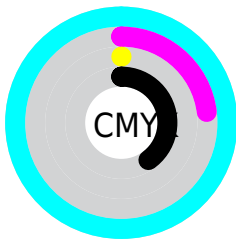
Distribution



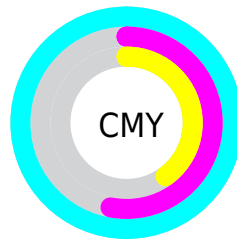
- Red (0%)
- Green (47%)
- Blue (60%)



- Red (0%)
- Yellow (26%)
- Blue (60%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (53%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.4040, -12.6511, -21.9415 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 39.4040, -12.6511, -21.9415 by changing the saturation by 10% instead.

39.4040, -12.6511,
-21.9415

39.4040, -12.6511,
-21.9415

150.5111,
-25.0824, -24.5911

30.3155, -11.1784,
-21.3955

59.8127, -15.4824,
-22.9159

22.0579, -9.6393,
-20.8624

71.0321, -16.8666,
-23.3221

14.7260, -7.9909,
-20.4641

82.8767, -18.2400,
-23.6703

8.3832, -8.2172,
-20.8865

95.3151, -19.6076,
-23.9614

0.0000, NaN, -NF

0.0000, NaN, -NF

108.3200,
-20.9732, -24.1968

0.0000, NaN, NaN

121.8680,

0.0000, NaN, NaN

-22.3395, -24.3788

0.0000, NaN, NaN

135.9379,
-23.7086, -24.5095

■ 39.4040, -12.6511,
-21.9415

■ 39.4040, -12.6511,
-21.9415

■ 39.4028, -12.6492,
-21.9441

■ 40.5967, -13.6289,
-19.8726

■ 41.8856, -14.2605,
-17.7155

■ 43.3042, -14.4209,
-15.4266

■ 44.8566, -14.0975,
-13.0157

■ 46.5430, -13.2969,
-10.4984

■ 48.3610, -12.0382,
-7.8921

■ 50.3062, -10.3490,
-5.2146

■ 52.3735, -8.2615,
-2.4820

■ 54.5567, -5.8099,
0.2913

Harmonies

Analogous

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



39.4047, -19.8798, -10.6846



39.4040, -12.6511, -21.9415



39.4047, -1.7907, -26.3755

Triad

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



39.4047, -12.6508, -21.9408



39.4047, 23.4514, 2.4419



39.4047, -13.1336, 16.6244

Complementary

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



39.4040, -12.6511, -21.9415



28.4141, 37.7750, 18.1685

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.



39.4047, -2.4176, 18.2796



39.4040, -12.6511, -21.9415



39.4047, 19.5149, 11.7291

Square

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



39.4047, -12.6508, -21.9408



39.4047, 19.8933, -10.0105



39.4047, 9.6824, 16.7936



39.4047, -20.1345, 11.3493

Rectangle

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



39.4040, -12.6511, -21.9415



39.4047, 6.3386, -24.0762



39.4047, 9.6824, 16.7936



39.4047, -9.8919, 17.5381

Sweetspot

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



39.4047, -12.6508, -21.9408



67.6359, -14.1050, -7.2534



48.1909, -40.4933, 27.1808



31.6806, -7.1615, -4.1293



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



39.4047, -12.6508, -21.9408



52.8216, -16.6498, -30.0803



20.2701, 23.7118, -76.5184



26.0544, -2.6701, 0.2401



35.6431, -11.5253, -19.6710



4.9222, -2.1598, -1.4901

Inverse Universe

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



28.6401, 53.6928, -17.5433



38.5600, 72.2300, -23.1045



42.5475, 5.0139, 26.3044



25.0990, 1.6004, -0.1296



25.8608, 48.5046, -15.9800



3.2445, 6.2217, -3.0617

Previews

White Background



This preview shows how the HunterLab color 39.4040, -12.6511, -21.9415 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 39.4040, -12.6511, -21.9415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

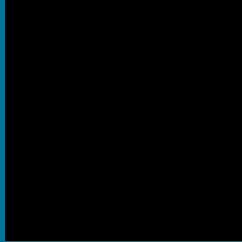
Any Text WCAG AA × Fail

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 39.4040, -12.6511, -21.9415 Background



This preview shows how black text looks on a background with the HunterLab color 39.4040, -12.6511, -21.9415.



This preview shows how white text looks on a background with the HunterLab color 39.4040, -12.6511, -21.9415.

-12.6511, -21.9415.

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

39.4040, -12.6511, -21.9415

Protanopia

39.3104, 2.4809, -16.7492

Deuteranopia

39.5131, 2.6033, -22.8015



Tritanopia

39.4433, -18.9909, -8.3048

Trichromacy



Original Color

39.4040, -12.6511, -21.9415

Protanomaly

38.4903, -5.8231, -20.1834

Deuteranomaly

38.8672, -5.4434, -23.4502

Tritanomaly

39.4193, -16.9201, -12.7451

Monochromacy



Original Color

39.4040, -12.6511, -21.9415

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

32.9903, -9.5421, -6.8665

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.4040, -12.6511, -21.9415 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(0, 119, 154)` looks like.

```
.text, #text, p{  
    color:rgb(0, 119, 154)  
}
```

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(0, 119, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 154) }
```

Border

The CSS property to change the border of an element to HunterLab 39.4040, -12.6511, -21.9415 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(0, 119, 154) }
```


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

```
.border{ border-color:rgb(0, 119, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 119, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 119, 154);  
box-shadow:4px 4px 4px 4px rgb(0, 119,  
154) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.4040, -12.6511, -21.9415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 119, 154) }
```

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

```
.background{ background-color: rgb(0, 119,  
154) }
```

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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