

Converting Colors

HunterLab(36.6087, -17.0694,
-24.2588)

Have a look what the booklet for
HunterLab(36.6087, -17.0694,
-24.2588) contains.

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Color

**HunterLab(38.0309,
-11.9410, -21.7581)**

Conversions

Conversions Part 1

Format	Color
Hex	007396
RGB	0, 115, 150
RGB Percent	0%, 45%, 59%
CMY	0.9999, 0.5490, 0.4118
CMYK	1.00, 0.23, 0.00, 0.41
HSL	194°, 100%, 29%
HSV	194°, 100%, 59%
XYZ	11.6358, 14.4635, 31.0326
YIQ	84.6050, -79.7750, -13.4950

Conversions

Conversions Part 2

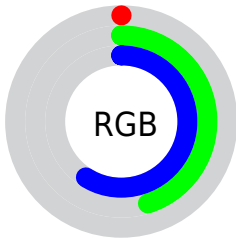
Format	Color
RYB	0, 65, 150
Decimal	29590
CIELab	44.89, -14.19, -26.63
CIELCh	45, 30.178, 241.954
Yxy	14.4640, 0.2037, 0.2532
Android (android.graphics.Color)	4278219670 (0xFF007396)
YUV	84.6050, 32.2397, -74.1986
Hunter-Lab	38.0309, -11.9410, -21.7581

Details

The HunterLab color **38.0309, -11.9410, -21.7581** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **27.7264, 36.3279, 17.7194**, and the grayscale version is **29.9056, -1.5957, 1.6248**.

A 20% lighter version of the original color is **58.2481, -14.7064, -22.5139**, and **22.1702, -4.5047, -17.9863** is the 20% darker color. If you saturate the color by 10%, you get **38.0297, -11.9391, -21.7607**, and if you desaturate by 10%, it is **39.2163, -12.9153, -19.6854**.

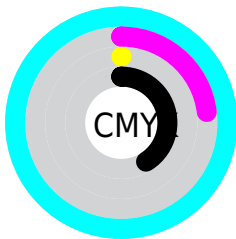
Distribution



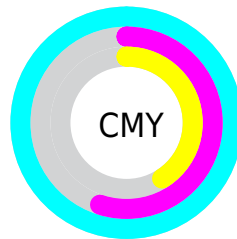
- Red (0%)
- Green (45%)
- Blue (59%)



- Red (0%)
- Yellow (25%)
- Blue (59%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (55%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.0309, -11.9410, -21.7581 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 38.0309, -11.9410, -21.7581 by changing the saturation by 10% instead.

■ 38.0309, -11.9410,
-21.7581

■ 38.0309, -11.9410,
-21.7581

148.3572,
-24.0408, -24.4540

■ 29.0587, -10.5137,
-21.2113

■ 58.2324, -14.6878,
-22.7424

■ 20.9294, -9.0218,
-20.6869

■ 69.3578, -16.0326,
-23.1544

■ 13.7424, -7.4217,
-20.3264

■ 81.1134, -17.3682,
-23.5085

■ 7.3585, -8.7955,
-21.8197

■ 93.4670, -18.6995,
-23.8051

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 106.3909,
-20.0300, -24.0458

0.0000, NaN, NaN

■ 119.8611,

0.0000, NaN, NaN

-21.3624, -24.2328

0.0000, NaN, NaN

133.8562,
-22.6988, -24.3681

■ 38.0309, -11.9410,
-21.7581

■ 38.0309, -11.9410,
-21.7581

■ 38.0297, -11.9391,
-21.7607

■ 39.2163, -12.9153,
-19.6854

■ 40.4945, -13.5569,
-17.5320

■ 41.8991, -13.7408,
-15.2535

■ 43.4337, -13.4562,
-12.8603

■ 45.0981, -12.7101,
-10.3680

■ 46.8897, -11.5220,
-7.7937

■ 48.8042, -9.9190,
-5.1547

■ 50.8363, -7.9326,
-2.4665

■ 52.9802, -5.5960,
0.2572

Harmonies

Analogous

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



38.0315, -19.1334, -10.9260



38.0309, -11.9410, -21.7581



38.0315, -1.2696, -25.7511

Triad

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



38.0315, -11.9407, -21.7574



38.0315, 22.8668, 2.7849



38.0315, -13.1082, 16.0093

Complementary

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



38.0309, -11.9410, -21.7581



27.7264, 36.3279, 17.7194

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.



38.0315, -2.7871, 17.7335



38.0309, -11.9410, -21.7581



38.0315, 18.7555, 11.6571

Square

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



38.0315, -11.9407, -21.7574



38.0315, 19.6727, -9.2909



38.0315, 9.0096, 16.4166



38.0315, -19.7486, 10.7403

Rectangle

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



38.0309, -11.9410, -21.7581



38.0315, 6.6524, -23.2677



38.0315, 9.0096, 16.4166



38.0315, -9.9996, 16.9372

Sweetspot

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



38.0315, -11.9407, -21.7574



64.6748, -13.3211, -7.0625



46.8343, -39.2338, 26.1574



29.9844, -6.6754, -3.9549



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



38.0315, -11.9407, -21.7574



50.2458, -15.4751, -29.3967



19.2897, 24.2146, -76.3785



25.1697, -2.5555, 0.2246



34.7061, -10.9744, -19.6889



4.3830, -1.9377, -1.2954

Inverse Universe

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



27.7893, 52.0395, -16.5718



36.8771, 69.0004, -21.4974



41.9970, 3.6678, 25.9416



24.2616, 1.5242, -0.0998



25.3166, 47.4301, -15.2270



2.8802, 5.5274, -2.7509

Previews

White Background



This preview shows how the HunterLab color 38.0309, -11.9410, -21.7581 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 38.0309, -11.9410, -21.7581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

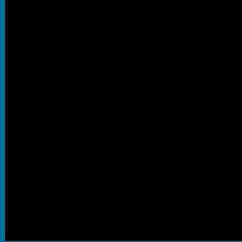
Any Text WCAG AA × Fail

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 38.0309, -11.9410, -21.7581 Background



This preview shows how black text looks on a background with the HunterLab color 38.0309, -11.9410, -21.7581.



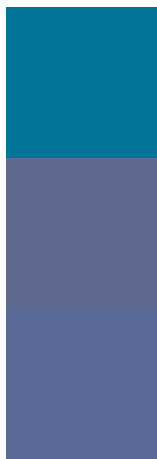
This preview shows how white text looks on a background with the HunterLab color 38.0309,

-11.9410, -21.7581.

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

38.0309, -11.9410, -21.7581

Protanopia

38.0645, 2.1029, -16.3694

Deuteranopia

38.0064, 2.7332, -22.8738

Trichromacy



Original Color

38.0309, -11.9410, -21.7581

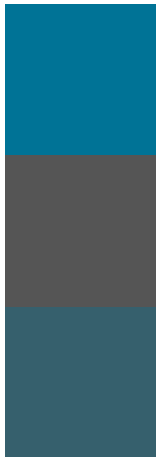
Protanomaly

37.3394, -5.8606, -19.6302

Deuteranomaly

37.4331, -5.0174, -23.3951

Monochromacy



Original Color

38.0309, -11.9410, -21.7581

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

32.0221, -8.8551, -7.2112

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.0309, -11.9410, -21.7581 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, 115, 150)` looks like.

```
.text, #text, p{  
    color:rgb(0, 115, 150)  
}
```

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, 115, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 115, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 38.0309, -11.9410, -21.7581 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, 115, 150) }
```

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

```
.border{ border-color:rgb(0, 115, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 115, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 115, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 115, 150);  
box-shadow:4px 4px 4px 4px rgb(0, 115,  
150) }
```


Background

The CSS property to change the background color of an element to HunterLab 38.0309, -11.9410, -21.7581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 115, 150) }
```

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

```
.background{ background-color: rgb(0, 115,  
150) }
```

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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