

Converting Colors

HunterLab(40.7070, -11.8002,
-21.3351)

Have a look what the booklet for
HunterLab(40.7070, -11.8002,
-21.3351) contains.

HunterLab(40.7979, -11.8477, -21.4245)	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(40.7979,
-11.8477, -21.4245)**

Conversions

Conversions Part 1

Format	Color
Hex	1F7A9D
RGB	31, 122, 157
RGB Percent	12%, 48%, 62%
CMY	0.8784, 0.5216, 0.3843
CMYK	0.80, 0.22, 0.00, 0.38
HSL	197°, 67%, 37%
HSV	197°, 80%, 62%
XYZ	13.6104, 16.6447, 34.3937
YIQ	98.7810, -65.4710, -8.4070

Conversions

Conversions Part 2

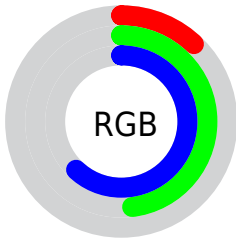
Format	Color
R_{YB}	31, 84, 157
Decimal	2063005
CIE _{Lab}	47.81, -13.45, -26.19
CIE _{LCh}	48, 29.445, 242.813
Yxy	16.6453, 0.2105, 0.2575
Android (android.graphics.Color)	4280253085 (0xFF1F7A9D)
YUV	98.7810, 28.7020, -59.4439
Hunter-Lab	40.7979, -11.8477, -21.4245

Details

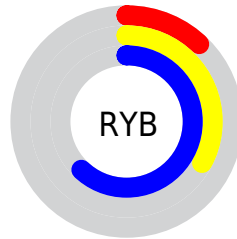
The HunterLab color **40.7979, -11.8477, -21.4245** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **33.4137, 27.5397, 18.7700**, and the grayscale version is **35.1559, -1.8758, 1.9101**.

A 20% lighter version of the original color is **61.2919, -14.2145, -22.7340**, and **24.0950, -5.2435, -18.7975** is the 20% darker color. If you saturate the color by 10%, you get **39.2566, -10.8425, -24.1772**, and if you desaturate by 10%, it is **42.4812, -12.3554, -18.5597**.

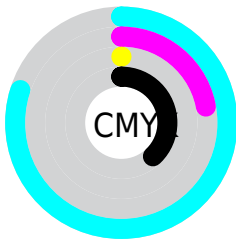
Distribution



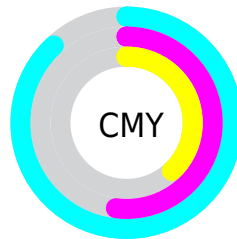
- Red (12%)
- Green (48%)
- Blue (62%)



- Red (12%)
- Yellow (33%)
- Blue (62%)



- Cyan (80%)
- Magenta (22%)
- Yellow (0%)
- Black (38%)



- Cyan (88%)
- Magenta (52%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7979, -11.8477, -21.4245 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 40.7979, -11.8477, -21.4245 by changing the saturation by 10% instead.

40.7979, -11.8477,
-21.4245

40.7979, -11.8477,
-21.4245

152.6826,
-23.6066, -23.8735

31.5941, -10.4842,
-20.8899

61.4124, -14.4925,
-22.3590

23.2098, -9.0704,
-20.3526

72.7254, -15.7946,
-22.7423

15.7355, -7.5724,
-19.9097

84.6586, -17.0913,
-23.0671

9.2984, -6.8012,
-19.8779

97.1814, -18.3868,
-23.3346

0.0000, NaN, -NF

0.0000, NaN, -NF

110.2672,
-19.6841, -23.5468

0.0000, NaN, NaN

123.8926,

0.0000, NaN, NaN

-20.9853, -23.7058

0.0000, NaN, NaN

138.0373,
-22.2924, -23.8140

■ 40.7979, -11.8477,
-21.4245

■ 40.7979, -11.8477,
-21.4245

■ 39.2566, -10.8425,
-24.1772

■ 42.4812, -12.3554,
-18.5597

■ 37.8565, -9.5052,
-26.7984

■ 44.3063, -12.3598,
-15.6014

■ 46.2716, -11.8739,
-12.5688

■ 48.3725, -10.9232,
-9.4823

■ 50.6030, -9.5405,
-6.3604

■ 52.9560, -7.7619,
-3.2187

■ 55.4244, -5.6242,
-0.0697

■ 58.0009, -3.1631,
3.0769

■ 60.6786, -0.4121,
6.2140

Harmonies

Analogous

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



40.7986, -19.2320, -10.9812



40.7979, -11.8477, -21.4245



40.7986, -1.0824, -25.0502

Triad

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



40.7986, -11.8475, -21.4237



40.7986, 22.4834, 3.2450



40.7986, -13.5404, 16.2959

Complementary

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



40.7979, -11.8477, -21.4245



33.4137, 27.5397, 18.7700

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.



40.7986, -3.2643, 18.1995



40.7979, -11.8477, -21.4245



40.7986, 18.2358, 12.0987

Square

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



40.7986, -11.8475, -21.4237



40.7986, 19.5382, -8.6710



40.7986, 8.4829, 16.9088



40.7986, -20.1302, 10.7496

Rectangle

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



40.7979, -11.8477, -21.4245



40.7986, 6.8029, -22.4767



40.7986, 8.4829, 16.9088



40.7986, -10.4455, 17.3003

Sweetspot

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



40.7986, -11.8475, -21.4237



69.5214, -11.4518, -6.0812



49.7823, -38.4791, 24.1165



32.1249, -5.7349, -3.5052



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.



40.7986, -11.8475, -21.4237



51.0848, -13.0735, -35.0531



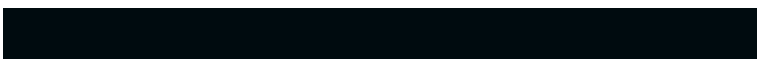
24.4959, 17.5306, -61.8064



26.8285, -2.5987, 0.1176



34.2107, -8.7038, -23.9714



5.2520, -2.1007, -2.0299

Inverse Universe

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



30.9094, 49.3263, -15.4096



38.9917, 71.2209, -18.3433



47.5417, -1.2737, 27.6551



25.9290, 1.6123, 0.0124



26.0839, 48.4338, -12.3254



3.5829, 6.8134, -2.9372

Previews

White Background



This preview shows how the HunterLab color 40.7979, -11.8477, -21.4245 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 40.7979, -11.8477, -21.4245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

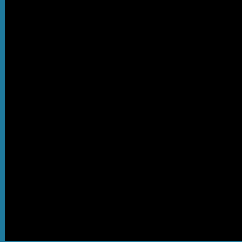
Any Text WCAG AA × Fail

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 40.7979, -11.8477, -21.4245 Background



This preview shows how black text looks on a background with the HunterLab color 40.7979, -11.8477, -21.4245.



This preview shows how white text looks on a background with the HunterLab color 40.7979,

-11.8477, -21.4245.

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

40.7979, -11.8477, -21.4245

Protanopia

40.5245, 2.6535, -16.5830

Deuteranopia

40.7165, 2.7302, -22.6264



Tritanopia

40.5522, -19.1247, -9.4020

Trichromacy



Original Color

40.7979, -11.8477, -21.4245

Protanomaly

40.1326, -4.1437, -19.2289

Deuteranomaly

40.4192, -4.0954, -22.6157

Tritanomaly

40.6203, -16.6846, -13.7748

Monochromacy



Original Color

40.7979, -11.8477, -21.4245

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

36.5066, -7.7943, -6.5002

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7979, -11.8477, -21.4245 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(31, 122, 157)` looks like.

```
.text, #text, p{  
    color:rgb(31, 122, 157)  
}
```

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(31, 122, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 122, 157) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7979, -11.8477, -21.4245 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(31, 122, 157) }
```


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

```
.border{ border-color:rgb(31, 122, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 122, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 122, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 122, 157);  
box-shadow:4px 4px 4px 4px rgb(31, 122,  
157) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7979, -11.8477, -21.4245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 122, 157) }
```

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

```
.background{ background-color: rgb(31, 122,  
157) }
```

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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