

Converting Colors

HunterLab(40.4491, -7.7800,
-9.8754)

Have a look what the booklet for
HunterLab(40.4491, -7.7800,
-9.8754) contains.

HunterLab(40.3461, -7.4720, -10.0491)	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(40.3461, -7.4720,
-10.0491)**

Conversions

Conversions Part 1

Format	Color
Hex	517589
RGB	81, 117, 137
RGB Percent	32%, 46%, 54%
CMY	0.6823, 0.5412, 0.4627
CMYK	0.41, 0.15, 0.00, 0.46
HSL	201°, 26%, 43%
HSV	201°, 41%, 54%
XYZ	14.2700, 16.2781, 26.0568
YIQ	108.5160, -27.8760, -1.4120

Conversions

Conversions Part 2

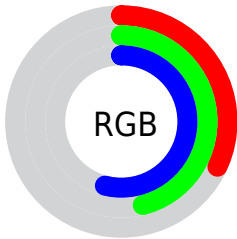
Format	Color
R_{YB}	81, 103, 137
Decimal	5338505
CIE _{Lab}	47.34, -7.26, -14.97
CIE _{LCh}	47, 16.635, 244.122
Yxy	16.2787, 0.2521, 0.2876
Android (android.graphics.Color)	4283528585 (0xFF517589)
YUV	108.5160, 14.0426, -24.1315
Hunter-Lab	40.3461, -7.4720, -10.0491

Details

The HunterLab color $[40.3461, -7.4720, -10.0491]$ is a dark color, and the websafe version is hex $\#336666$. A complement of this color would be $[39.0130, 7.0188, 12.3311]$, and the grayscale version is $[38.8779, -2.0744, 2.1123]$.

A 20% lighter version of the original color is $[60.8935, -9.3745, -10.0742]$, and $[22.8816, -5.6130, -9.3628]$ is the 20% darker color. If you saturate the color by 10%, you get $[38.2396, -7.8364, -13.2698]$, and if you desaturate by 10%, it is $[42.5634, -6.7548, -6.8588]$.

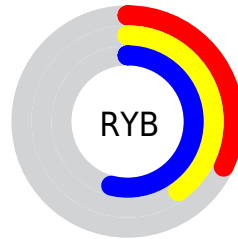
Distribution



Red (32%)

Green (46%)

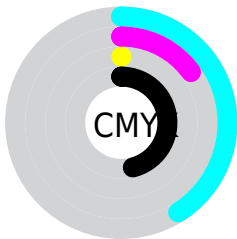
Blue (54%)



Red (32%)

Yellow (40%)

Blue (54%)

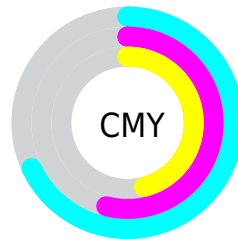


Cyan (41%)

Magenta (15%)

Yellow (0%)

Black (46%)



Cyan (68%)

Magenta (54%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3461, -7.4720, -10.0491 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 40.3461, -7.4720, -10.0491 by changing the saturation by 10% instead.

40.3461, -7.4720,
-10.0491

40.3461, -7.4720,
-10.0491

151.9805,
-16.5219, -9.3521

31.1795, -6.5204,
-9.8171

60.8945, -9.3911,
-10.2941

22.8358, -5.5639,
-9.5088

72.1774, -10.3658,
-10.3187

15.4072, -4.5883,
-9.1300

84.0821, -11.3536,
-10.2841

9.0131, -3.9915,
-8.7539

96.5776, -12.3558,
-10.1945

0.0000, NaN, -NF

0.0000, NaN, NaN

109.6374,
-13.3732, -10.0536

0.0000, NaN, NaN

123.2379,

0.0000, NaN, NaN

-14.4065, -9.8644

0.0000, NaN, NaN

137.3584,
-15.4560, -9.6297

■ 40.3461, -7.4720,
-10.0491

■ 40.3461, -7.4720,
-10.0491

■ 38.2396, -7.8364,
-13.2698

■ 42.5634, -6.7548,
-6.8588

■ 36.2493, -7.8131,
-16.5106

■ 44.8816, -5.7182,
-3.7094

■ 34.3830, -7.3725,
-19.7542

■ 47.2940, -4.3956,
-0.6050

■ 32.6463, -6.4931,
-22.9800

■ 49.7937, -2.8179,
2.4524

■ 31.0418, -5.1689,
-26.1671

■ 52.3742, -1.0128,
5.4626

■ 29.6610, -3.6952,
-29.0967

■ 55.0296, 0.9948,
8.4269

■ 57.7547, 3.1830,
11.3476

■ 60.5445, 5.5327,
14.2273

■ 63.3948, 8.0270,
17.0693

Harmonies

Analogous

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



40.3469, -12.0000, -5.0679



40.3461, -7.4720, -10.0491



40.3469, -1.2515, -11.5715

Triad

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



40.3469, -7.4723, -10.0484



40.3469, 11.0995, 3.0425



40.3469, -8.9371, 10.8598

Complementary

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



40.3461, -7.4720, -10.0491



39.0130, 7.0188, 12.3311

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.



40.3469, -3.0505, 12.3561



40.3461, -7.4720, -10.0491



40.3469, 8.7351, 8.3191

Square

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



40.3469, -7.4723, -10.0484



40.3469, 9.7318, -3.3520



40.3469, 3.4528, 11.5051



40.3469, -12.8073, 7.0536

Rectangle

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



40.3461, -7.4720, -10.0491



40.3469, 3.0873, -10.2480



40.3469, 3.4528, 11.5051



40.3469, -7.1426, 11.6196

Sweetspot

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



40.3469, -7.4723, -10.0484



62.8330, -6.1497, -1.3835



45.3572, -21.6470, 11.6094



29.5917, -3.0080, -0.8653



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



40.3469, -7.4723, -10.0484



51.3906, -10.4664, -17.4146



32.8139, 5.2142, -22.4522



23.2231, -2.0159, -0.0374



28.6670, -3.6303, -27.9946



2.8697, -1.0703, -1.2763

Inverse Universe

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



35.3385, 21.3516, -6.0882



43.7347, 35.7291, -9.9943



46.3769, -5.7221, 18.5243



22.5813, 1.2657, 0.2442



23.6935, 43.3604, -6.2750



2.0024, 3.7879, -1.4876

Previews

White Background



This preview shows how the HunterLab color 40.3461, -7.4720, -10.0491 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 40.3461, -7.4720, -10.0491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

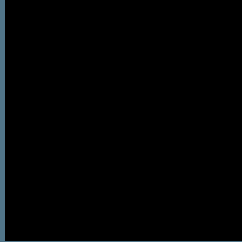
Any Text WCAG AA ✗ Fail

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 40.3461, -7.4720, -10.0491 Background



This preview shows how black text looks on a background with the HunterLab color 40.3461, -7.4720, -10.0491.



This preview shows how white text looks on a background with the HunterLab color 40.3461, -7.4720, -10.0491.

-10.0491.

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

40.3461, -7.4720, -10.0491

Protanopia

40.2345, 0.4914, -7.8990

Deuteranopia

40.3326, 2.6316, -11.0083



Tritanopia

40.5147, -10.4639, -5.1042

Trichromacy



Original Color

40.3461, -7.4720, -10.0491

Protanomaly

40.1599, -2.5189, -8.5957

Deuteranomaly

40.3706, -1.5040, -10.4633

Tritanomaly

40.3745, -9.2754, -6.8165

Monochromacy



Original Color

40.3461, -7.4720, -10.0491

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

39.4625, -4.5143, -1.9841

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3461, -7.4720, -10.0491 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(81, 117, 137)` looks like.

```
.text, #text, p{  
    color:rgb(81, 117, 137)  
}
```

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(81, 117, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 117, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3461, -7.4720, -10.0491 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(81, 117, 137) }
```


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

```
.border{ border-color:rgb(81, 117, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 117, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 117, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 117, 137);  
box-shadow:4px 4px 4px 4px rgb(81, 117,  
137) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.3461, -7.4720, -10.0491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 117, 137) }
```

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

```
.background{ background-color: rgb(81, 117,  
137) }
```

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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