

Converting Colors

HunterLab(41.0185, -11.5807,
6.9028)

Have a look what the booklet for
HunterLab(41.0185, -11.5807,
6.9028) contains.

HunterLab(41.0185, -11.5807, 6.9028)	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(41.0185,
-11.5807, 6.9028)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7866
RGB	95, 120, 102
RGB Percent	37%, 47%, 40%
CMY	0.6274, 0.5294, 0.6000
CMYK	0.21, 0.00, 0.15, 0.53
HSL	137°, 12%, 42%
HSV	137°, 21%, 47%
XYZ	13.8341, 16.8252, 15.0889
YIQ	110.4730, -9.1220, -10.8980

Conversions

Conversions Part 2

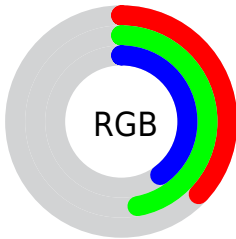
Format	Color
R _Y B	95, 115, 120
Decimal	6256742
CIE Lab	48.04, -13.02, 6.92
CIE LCh	48, 14.743, 152.026
Yxy	16.8259, 0.3024, 0.3678
Android (android.graphics.Color)	4284446822 (0xFF5F7866)
YUV	110.4730, -4.1772, -13.5698
Hunter-Lab	41.0185, -11.5807, 6.9028

Details

The HunterLab color $41.0185, -11.5807, 6.9028$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $36.5652, 8.3535, -2.6557$, and the grayscale version is $39.6870, -2.1176, 2.1563$.

A 20% lighter version of the original color is $61.5759, -13.9613, 8.6802$, and $23.2609, -8.7700, 4.9669$ is the 20% darker color. If you saturate the color by 10%, you get $40.0866, -15.4885, 8.9888$, and if you desaturate by 10%, it is $42.0705, -7.3078, 4.7469$.

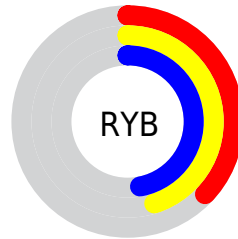
Distribution



Red (37%)

Green (47%)

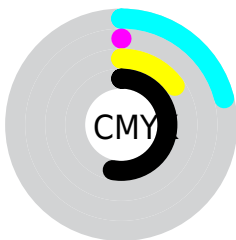
Blue (40%)



Red (37%)

Yellow (45%)

Blue (47%)

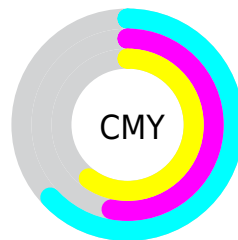


Cyan (21%)

Magenta (0%)

Yellow (15%)

Black (53%)



Cyan (63%)

Magenta (53%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.0185, -11.5807, 6.9028 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 41.0185, -11.5807, 6.9028 by changing the saturation by 10% instead.

■ 41.0185, -11.5807,
6.9028

■ 41.0185, -11.5807,
6.9028

153.0252,
-23.1489, 15.8473

■ 31.7969, -10.2484,
5.9706

■ 61.6654, -14.1742,
8.7888

■ 23.3928, -8.8686,
5.0351

■ 72.9930, -15.4530,
9.7492

■ 15.8963, -7.4105,
4.0822

■ 84.9401, -16.7279,
10.7242

■ 9.4343, -6.5176,
3.5520

■ 97.4761, -18.0027,
11.7149

0.0000, NaN, NaN

0.0000, NaN, NaN

110.5745,
-19.2803, 12.7221

0.0000, NaN, NaN

124.2122,

0.0000, NaN, NaN

-20.5629, 13.7465

0.0000, NaN, NaN

138.3685,
-21.8520, 14.7881

■ 41.0185, -11.5807,
6.9028

■ 41.0185, -11.5807,
6.9028

■ 40.0866, -15.4885,
8.9888

■ 42.0705, -7.3078,
4.7469

■ 39.2742, -18.9900,
10.9814

■ 43.2369, -2.7095,
2.5405

■ 38.5828, -22.0528,
12.8588

■ 44.5146, 2.1707,
0.3029

■ 38.0112, -24.6527,
14.5995

■ 45.8988, 7.2914,
-1.9493

■ 37.5561, -26.7773,
16.1838

■ 47.3846, 12.6141,
-4.2021

■ 37.2121, -28.4289,
17.5955

■ 48.9665, 18.1036,
-6.4442

■ 36.9709, -29.6269,
18.8217

■ 50.6394, 23.7290,
-8.6666

■ 36.8060, -30.4632,
19.7569

■ 52.3978, 29.4634,
-10.8625

■ 54.2367, 35.2841,
-13.0270

Harmonies

Analogous

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



41.0194, -7.9382, 10.2462



41.0185, -11.5807, 6.9028



41.0194, -12.7504, 1.8561

Triad

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



41.0194, -11.5815, 6.9033



41.0194, -1.7960, -9.8454



41.0194, 7.6973, 7.4689

Complementary

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



41.0185, -11.5807, 6.9028



36.5652, 8.3535, -2.6557

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.



41.0194, 9.5582, 2.6059



41.0185, -11.5807, 6.9028



41.0194, 3.8913, -7.8167

Square

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



41.0194, -11.5815, 6.9033



41.0194, -7.2915, -8.2832



41.0194, 8.1287, -3.0610



41.0194, 3.1718, 10.5395

Rectangle

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



41.0185, -11.5807, 6.9028



41.0194, -12.0244, -1.9477



41.0194, 8.1287, -3.0610



41.0194, 8.6662, 6.0149

Sweetspot

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



41.0194, -11.5815, 6.9033



56.4992, -6.8831, 4.9303



42.1816, -7.6521, 10.6403



27.4678, -3.4967, 2.4703



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



41.0194, -11.5815, 6.9033



53.7880, -17.8987, 10.4900



41.3344, -9.7908, 2.3912



21.1346, -3.2633, 2.1823



38.4394, -31.8355, 20.6779



83.8777, -70.0060, 46.2831

Inverse Universe

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



36.5652, 8.3535, -2.6557



46.5844, 14.3867, -4.9635



36.2135, 6.5174, 2.3407



20.1477, 1.1447, 0.0631



22.5694, 41.9188, -10.7488



49.1399, 91.0066, -21.3709

Previews

White Background



This preview shows how the HunterLab color 41.0185, -11.5807, 6.9028 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 41.0185, -11.5807, 6.9028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

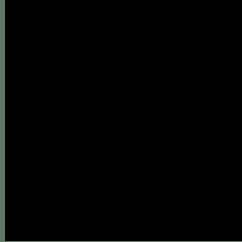
Any Text WCAG AA × Fail

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 41.0185, -11.5807, 6.9028 Background



This preview shows how black text looks on a background with the HunterLab color 41.0185, -11.5807, 6.9028.



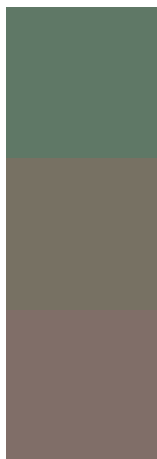
This preview shows how white text looks on a background with the HunterLab color 41.0185,

-11.5807, 6.9028.

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

41.0185, -11.5807, 6.9028

Protanopia

40.7836, -2.3718, 7.9283

Deuteranopia

40.9152, 2.4624, 6.2765



Tritanopia

41.0872, -5.5513, -3.2629

Trichromacy



Original Color

41.0185, -11.5807, 6.9028

Protanomaly

40.8973, -6.2059, 7.6133

Deuteranomaly

40.8985, -3.1903, 6.5433

Tritanomaly

41.0340, -7.7492, 0.8322

Monochromacy



Original Color

41.0185, -11.5807, 6.9028

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

40.1241, -5.7250, 4.0698

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.0185, -11.5807, 6.9028 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(95, 120, 102)` looks like.

```
.text, #text, p{  
    color:rgb(95, 120, 102)  
}
```

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(95, 120, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 120, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 41.0185, -11.5807, 6.9028 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(95, 120, 102) }
```


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

```
.border{ border-color:rgb(95, 120, 102) }
```

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

Here you see how a box with a 4 pixel rgb(95, 120, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 120, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 120, 102);  
box-shadow:4px 4px 4px 4px rgb(95, 120,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.0185, -11.5807, 6.9028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 120, 102) }
```

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

```
.background{ background-color: rgb(95, 120,  
102) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor