

Converting Colors

HunterLab(41.3578, -10.1886,
6.1754)

Have a look what the booklet for
HunterLab(41.3578, -10.1886,
6.1754) contains.

HunterLab(41.3588, -10.1779, 6.1481)	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(41.3588,
-10.1779, 6.1481)**

Conversions

Conversions Part 1

Format	Color
Hex	637869
RGB	99, 120, 105
RGB Percent	39%, 47%, 41%
CMY	0.6118, 0.5294, 0.5882
CMYK	0.18, 0.00, 0.13, 0.53
HSL	137°, 10%, 43%
HSV	137°, 18%, 47%
XYZ	14.4119, 17.1055, 15.9067
YIQ	112.0110, -7.7010, -9.1170

Conversions

Conversions Part 2

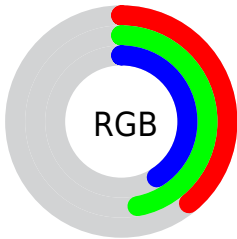
Format	Color
R_{YB}	99, 115, 120
Decimal	6518889
CIE _{Lab}	48.39, -10.93, 5.69
CIE _{LCh}	48, 12.324, 152.512
Yxy	17.1062, 0.3039, 0.3607
Android (android.graphics.Color)	4284708969 (0xFF637869)
YUV	112.0110, -3.4564, -11.4106
Hunter-Lab	41.3588, -10.1779, 6.1481

Details

The HunterLab color $41.3588, -10.1779, 6.1481$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $37.5927, 6.6023, -1.8292$, and the grayscale version is $40.2728, -2.1489, 2.1881$.

A 20% lighter version of the original color is $61.9592, -12.4044, 7.8643$, and $23.5415, -7.5841, 4.2918$ is the 20% darker color. If you saturate the color by 10%, you get $40.3885, -14.2045, 8.2408$, and if you desaturate by 10%, it is $42.4480, -5.8013, 3.9964$.

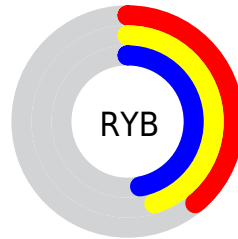
Distribution



Red (39%)

Green (47%)

Blue (41%)



Red (39%)

Yellow (45%)

Blue (47%)

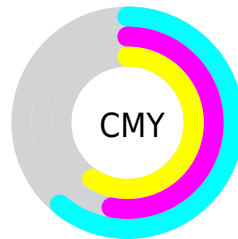


Cyan (18%)

Magenta (0%)

Yellow (13%)

Black (53%)



Cyan (61%)

Magenta (53%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.3588, -10.1779, 6.1481 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 41.3588, -10.1779, 6.1481 by changing the saturation by 10% instead.

■ 41.3588, -10.1779,
6.1481

■ 41.3588, -10.1779,
6.1481

153.5525,
-20.8312, 14.5782

■ 32.1096, -8.9861,
5.2956

■ 62.0551, -12.5247,
7.8949

■ 23.6752, -7.7635,
4.4493

■ 73.4052, -13.6927,
8.7929

■ 16.1447, -6.4864,
3.5996

■ 85.3736, -14.8633,
9.7092

■ 9.6433, -5.4679,
2.9748

■ 97.9300, -16.0392,
10.6444

0.0000, NaN, NaN

0.0000, NaN, NaN

111.0478,
-17.2226, 11.5988

0.0000, NaN, NaN

124.7042,

0.0000, NaN, NaN

-18.4151, 12.5726

0.0000, NaN, NaN

138.8785,
-19.6176, 13.5657

■ 41.3588, -10.1779,
6.1481

■ 41.3588, -10.1779,
6.1481

■ 40.3885, -14.2045,
8.2408

■ 42.4480, -5.8013,
3.9964

■ 39.5369, -17.8386,
10.2515

■ 43.6502, -1.1146,
1.8041

■ 38.8060, -21.0458,
12.1585

■ 44.9618, 3.8392,
-0.4105

■ 38.1951, -23.7988,
13.9402

■ 46.3782, 9.0197,
-2.6320

■ 37.7018, -26.0810,
15.5761

■ 47.8941, 14.3895,
-4.8477

■ 37.3214, -27.8895,
17.0486

■ 49.5043, 19.9150,
-7.0472

■ 37.0467, -29.2375,
18.3434

■ 51.2035, 25.5667,
-9.2226

■ 36.8550, -30.2091,
19.4408

■ 52.9864, 31.3193,
-11.3681

■ 36.8113, -30.4297,
19.6781

■ 54.8480, 37.1513,
-13.4796

Harmonies

Analogous

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



41.3597, -7.1141, 9.0695



41.3588, -10.1779, 6.1481



41.3597, -11.1391, 1.8596

Triad

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



41.3597, -10.1787, 6.1487



41.3597, -1.7985, -7.6534



41.3597, 5.9720, 6.7510

Complementary

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



41.3588, -10.1779, 6.1481



37.5927, 6.6023, -1.8292

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.



41.3597, 7.5495, 2.6392



41.3588, -10.1779, 6.1481



41.3597, 2.9357, -5.9706

Square

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



41.3597, -10.1787, 6.1487



41.3597, -6.4355, -6.4389



41.3597, 6.4138, -2.0666



41.3597, 2.1942, 9.3880

Rectangle

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



41.3588, -10.1779, 6.1481



41.3597, -10.4946, -1.2999



41.3597, 6.4138, -2.0666



41.3597, 6.7848, 5.5132

Sweetspot

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



41.3597, -10.1787, 6.1487



56.6593, -6.2503, 4.6123



42.3265, -6.9537, 9.4241



27.5397, -3.2118, 2.3256



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.



41.3597, -10.1787, 6.1487



54.3144, -15.7006, 9.2789



41.6348, -8.6241, 2.2118



21.1354, -3.2588, 2.1706



38.4449, -31.8008, 20.5961



83.8888, -69.9367, 46.1196

Inverse Universe

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



37.5927, 6.6023, -1.8292



48.2105, 11.5168, -3.6445



37.2928, 5.0218, 2.4352



20.1468, 1.1398, 0.0760



22.5427, 41.8235, -10.3817



49.0798, 90.7918, -20.5426

Previews

White Background



This preview shows how the HunterLab color 41.3588, -10.1779, 6.1481 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 41.3588, -10.1779, 6.1481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

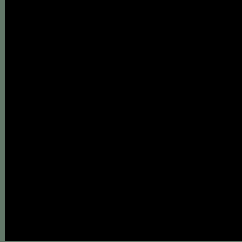
Any Text WCAG AA × Fail

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 41.3588, -10.1779, 6.1481 Background



This preview shows how black text looks on a background with the HunterLab color 41.3588, -10.1779, 6.1481.



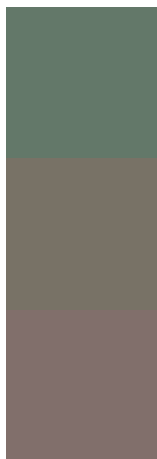
This preview shows how white text looks on a background with the HunterLab color 41.3588,

-10.1779, 6.1481.

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

41.3588, -10.1779, 6.1481

Protanopia

41.2153, -2.1335, 7.2763

Deuteranopia

41.3492, 2.7164, 5.5815



Tritanopia

41.3673, -4.5578, -2.8801

Trichromacy



Original Color

41.3588, -10.1779, 6.1481

Protanomaly

41.1276, -5.2406, 6.7522

Deuteranomaly

41.1422, -2.1903, 5.6629

Tritanomaly

41.3396, -6.5918, 0.7761

Monochromacy



Original Color

41.3588, -10.1779, 6.1481

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

40.6096, -5.3343, 3.8068

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.3588, -10.1779, 6.1481 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(99, 120, 105)` looks like.

```
.text, #text, p{  
    color:rgb(99, 120, 105)  
}
```

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(99, 120, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 120, 105) }
```

Border

The CSS property to change the border of an element to HunterLab 41.3588, -10.1779, 6.1481 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(99, 120, 105) }
```


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

```
.border{ border-color:rgb(99, 120, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 120, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 120, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 120, 105);  
box-shadow:4px 4px 4px 4px rgb(99, 120,  
105) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.3588, -10.1779, 6.1481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 120, 105) }
```

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

```
.background{ background-color: rgb(99, 120,  
105) }
```

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