

Converting Colors

HunterLab(37.9545, -10.4653,
13.8754)

Have a look what the booklet for
HunterLab(37.9545, -10.4653,
13.8754) contains.

HunterLab(38.0479, -10.4396, 13.9728)	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(38.0479,
-10.4396, 13.9728)**

Conversions

Conversions Part 1

Format	Color
Hex	636F47
RGB	99, 111, 71
RGB Percent	39%, 44%, 28%
CMY	0.6118, 0.5647, 0.7216
CMYK	0.11, 0.00, 0.36, 0.56
HSL	78°, 22%, 36%
HSV	78°, 36%, 44%
XYZ	11.9673, 14.4764, 8.1247
YIQ	102.8520, 5.6880, -14.9840

Conversions

Conversions Part 2

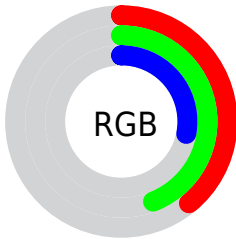
Format	Color
R_{YB}	71, 111, 83
Decimal	6516551
CIE Lab	44.91, -11.93, 20.82
CIE LCh	45, 23.993, 119.826
Yxy	14.4771, 0.3462, 0.4188
Android (android.graphics.Color)	4284706631 (0xFF636F47)
YUV	102.8520, -15.7030, -3.3782
Hunter-Lab	38.0479, -10.4396, 13.9728

Details

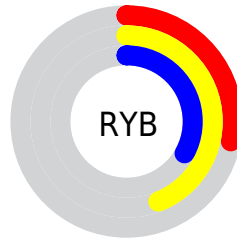
The HunterLab color $38.0479, -10.4396, 13.9728$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $27.3744, 8.7618, -15.5531$, and the grayscale version is $36.8291, -1.9651, 2.0010$.

A 20% lighter version of the original color is $58.3391, -13.1631, 17.6589$, and $20.8798, -7.6431, 9.9572$ is the 20% darker color. If you saturate the color by 10%, you get $37.6345, -12.3268, 16.2612$, and if you desaturate by 10%, it is $38.5024, -8.3683, 11.2548$.

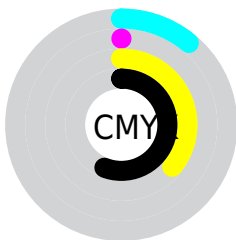
Distribution



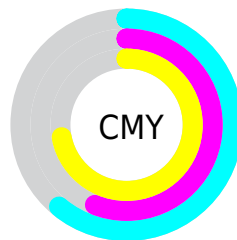
- Red (39%)
- Green (44%)
- Blue (28%)



- Red (28%)
- Yellow (44%)
- Blue (33%)



- Cyan (11%)
- Magenta (0%)
- Yellow (36%)
- Black (56%)



- Cyan (61%)
- Magenta (56%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.0479, -10.4396, 13.9728 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 38.0479, -10.4396, 13.9728 by changing the saturation by 10% instead.

■ 38.0479, -10.4396,
13.9728

■ 38.0479, -10.4396,
13.9728

148.3842,
-21.5281, 29.2769

■ 29.0744, -9.1707,
12.0194

■ 58.2522, -12.9133,
17.6178

■ 20.9435, -7.8554,
9.9251

■ 69.3788, -14.1353,
19.3555

■ 13.7547, -6.4603,
8.1544

■ 81.1355, -15.3554,
21.0566

■ 7.3723, -7.4471,
5.1606

■ 93.4902, -16.5774,
22.7305

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.4152,
-17.8039, 24.3846

0.0000, NaN, NaN

119.8863,

0.0000, NaN, NaN

-19.0369, 26.0243

0.0000, NaN, NaN

133.8823,
-20.2779, 27.6540

■ 38.0479, -10.4396,
13.9728

■ 38.0479, -10.4396,
13.9728

■ 37.6345, -12.3268,
16.2612

■ 38.5024, -8.3683,
11.2548

■ 37.2590, -14.0258,
18.1244

■ 38.9959, -6.1131,
8.1055

■ 36.9212, -15.5388,
19.5745

■ 39.5295, -3.6798,
4.5290

■ 36.6195, -16.8699,
20.6296

■ 40.1030, -1.0748,
0.5328

■ 36.3522, -18.0268,
21.3165

■ 40.7162, 1.6946,
-3.8723

■ 36.1138, -19.0379,
21.7124

■ 41.3688, 4.6204,
-8.6732

■ 36.0227, -19.4252,
21.8570

■ 42.0601, 7.6939,
-13.8547

■ 42.7894, 10.9059,
-19.4001

■ 43.5561, 14.2474,
-25.2917

Harmonies

Analogous

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



38.0487, -1.9783, 15.3533



38.0479, -10.4396, 13.9728



38.0487, -16.1554, 9.5988

Triad

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



38.0487, -10.4406, 13.9732



38.0487, -10.5256, -15.5475



38.0487, 17.3326, 2.0198

Complementary

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



38.0479, -10.4396, 13.9728



27.3744, 8.7618, -15.5531

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.



38.0487, 14.5085, -7.4002



38.0479, -10.4396, 13.9728



38.0487, -2.0861, -18.9041

Square

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



38.0487, -10.4406, 13.9732



38.0487, -16.2011, -7.2899



38.0487, 7.1764, -15.6210



38.0487, 14.5713, 9.5291

Rectangle

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



38.0479, -10.4396, 13.9728



38.0487, -17.9322, 4.9267



38.0487, 7.1764, -15.6210



38.0487, 17.0016, -1.0245

Sweetspot

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



38.0487, -10.4406, 13.9732



52.5130, -6.6669, 8.6498



31.6566, 5.4229, 8.4363



25.7040, -3.4279, 4.4742



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



38.0487, -10.4406, 13.9732



50.4591, -16.0430, 21.2318



36.7243, -15.4352, 12.7346



19.6684, -2.2092, 2.8163



39.0853, -21.1558, 23.7138



86.9684, -48.2769, 52.7444

Inverse Universe

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



27.3744, 8.7618, -15.5531



33.1968, 15.3246, -27.3730



29.2200, 14.3302, -12.2608



18.2880, 0.2353, -0.8981



13.1408, 32.7955, -71.2869



28.6383, 72.5678, -163.8471

Previews

White Background



This preview shows how the HunterLab color 38.0479, -10.4396, 13.9728 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 38.0479, -10.4396, 13.9728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

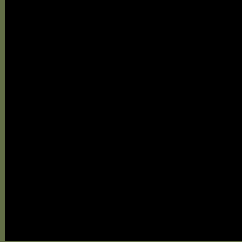
Any Text WCAG AA × Fail

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 38.0479, -10.4396, 13.9728 Background



This preview shows how black text looks on a background with the HunterLab color 38.0479, -10.4396, 13.9728.



This preview shows how white text looks on a background with the HunterLab color 38.0479,

-10.4396, 13.9728.

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

38.0479, -10.4396, 13.9728

Protanopia

37.9244, -3.7754, 14.5006

Deuteranopia

38.0734, 2.3197, 13.6853



Tritanopia

38.1133, -1.0510, -1.2981

Trichromacy



Original Color

38.0479, -10.4396, 13.9728

Protanomaly

37.9717, -6.3983, 14.2386

Deuteranomaly

37.8853, -2.4223, 13.7075

Tritanomaly

38.0664, -4.9035, 5.3727

Monochromacy



Original Color

38.0479, -10.4396, 13.9728

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

37.2668, -5.2401, 7.1254

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.0479, -10.4396, 13.9728 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, 111, 71)` looks like.

```
.text, #text, p{  
    color:rgb(99, 111, 71)  
}
```

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, 111, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 111, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 38.0479, -10.4396, 13.9728 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, 111, 71) }
```


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

```
.border{ border-color:rgb(99, 111, 71) }
```

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

Here you see how a box with a 4 pixel rgb(99, 111, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 111, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 111, 71);  
box-shadow:4px 4px 4px 4px rgb(99, 111,  
71) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.0479, -10.4396, 13.9728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 111, 71) }
```

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

```
.background{ background-color: rgb(99, 111,  
71) }
```

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