

Converting Colors

HunterLab(38.4304, -18.9472,
7.5636)

Have a look what the booklet for
HunterLab(38.4304, -18.9472,
7.5636) contains.

HunterLab(38.4106, -18.9028, 7.7083)	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(38.4106,
-18.9028, 7.7083)**

Conversions

Conversions Part 1

Format	Color
Hex	3E765C
RGB	62, 118, 92
RGB Percent	24%, 46%, 36%
CMY	0.7569, 0.5372, 0.6392
CMYK	0.47, 0.00, 0.22, 0.54
HSL	152°, 31%, 35%
HSV	152°, 47%, 46%
XYZ	10.3968, 14.7537, 12.4251
YIQ	98.2920, -25.0300, -19.9580

Conversions

Conversions Part 2

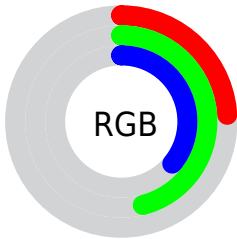
Format	Color
R _{YB}	62, 98, 118
Decimal	4093532
CIE Lab	45.30, -25.08, 8.67
CIE LCh	45, 26.536, 160.922
Yxy	14.7543, 0.2767, 0.3926
Android (android.graphics.Color)	4282283612 (0xFF3E765C)
YUV	98.2920, -3.1020, -31.8281
Hunter-Lab	38.4106, -18.9028, 7.7083

Details

The HunterLab color **38.4106, -18.9028, 7.7083** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **28.2874, 19.6307, -1.5782**, and the grayscale version is **35.0764, -1.8716, 1.9058**.

A 20% lighter version of the original color is **58.8129, -23.2359, 10.0346**, and **21.2101, -14.3201, 5.5935** is the 20% darker color. If you saturate the color by 10%, you get **37.8431, -21.3923, 8.9770**, and if you desaturate by 10%, it is **39.0864, -16.0307, 6.4707**.

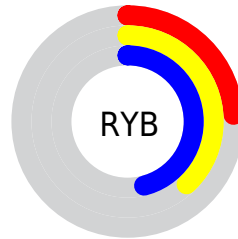
Distribution



Red (24%)

Green (46%)

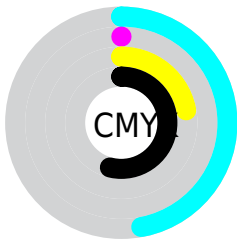
Blue (36%)



Red (24%)

Yellow (38%)

Blue (46%)

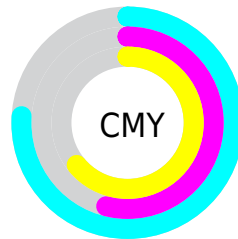


Cyan (47%)

Magenta (0%)

Yellow (22%)

Black (54%)



Cyan (76%)

Magenta (54%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.4106, -18.9028, 7.7083 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 38.4106, -18.9028, 7.7083 by changing the saturation by 10% instead.

■ 38.4106, -18.9028,
7.7083

■ 38.4106, -18.9028,
7.7083

148.9545,
-36.0042, 17.3844

■ 29.4061, -16.6942,
6.6559

■ 58.6700, -23.0122,
9.7985

■ 21.2409, -14.3212,
5.5817

■ 69.8216, -24.9645,
10.8485

■ 14.0134, -11.6961,
4.4616

■ 81.6020, -26.8705,
11.9069

■ 7.6569, -13.3996,
5.1121

■ 93.9792, -28.7409,
12.9760

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.9257,
-30.5840, 14.0573

0.0000, NaN, NaN

■ 120.4175,

0.0000, NaN, NaN

-32.4057, 15.1520

0.0000, NaN, NaN

134.4334,
-34.2112, 16.2609

■ 38.4106, -18.9028,
7.7083

■ 38.4106, -18.9028,
7.7083

■ 37.8431, -21.3923,
8.9770

■ 39.0864, -16.0307,
6.4707

■ 37.3790, -23.4863,
10.2602

■ 39.8691, -12.7946,
5.2766

■ 37.0146, -25.1852,
11.5417

■ 40.7591, -9.2216,
4.1384

■ 36.7432, -26.5016,
12.8041

■ 41.7546, -5.3428,
3.0656

■ 36.5430, -27.5153,
14.0184

■ 42.8533, -1.1916,
2.0655

■ 36.4948, -27.7602,
14.3109

■ 44.0516, 3.1981,
1.1433

■ 45.3458, 7.7933,
0.3021

■ 46.7317, 12.5628,
-0.4569

■ 48.2048, 17.4783,
-1.1340

Harmonies

Analogous

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



38.4114, -14.0862, 13.6963



38.4106, -18.9028, 7.7083



38.4114, -19.4929, -1.6195

Triad

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



38.4114, -18.9033, 7.7087



38.4114, 1.7403, -21.1433



38.4114, 13.9397, 12.4242

Complementary

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



38.4106, -18.9028, 7.7083



28.2874, 19.6307, -1.5782

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.



38.4114, 19.1925, 5.4644



38.4106, -18.9028, 7.7083



38.4114, 11.6754, -14.8701

Square

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



38.4114, -18.9033, 7.7087



38.4114, -8.2612, -20.0828



38.4114, 18.3231, -4.5291



38.4114, 4.5794, 15.8863

Rectangle

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



38.4106, -18.9028, 7.7083



38.4114, -17.4868, -8.7997



38.4114, 18.3231, -4.5291



38.4114, 16.2864, 10.5043

Sweetspot

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



38.4114, -18.9033, 7.7087



54.4417, -10.6703, 5.0355



39.2257, -16.8339, 16.9870



25.9985, -5.5331, 2.5342



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



38.4114, -18.9033, 7.7087



50.1145, -28.6561, 12.0667



38.5413, -14.1034, -2.8656



20.3174, -2.9171, 1.5777



37.9550, -28.8942, 14.9338



83.6820, -64.4295, 34.4897

Inverse Universe

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



28.2874, 19.6307, -1.5782



34.1917, 32.5113, -2.1403



28.0205, 15.7316, 7.8977



19.3042, 0.8752, 0.6122



21.1200, 37.5593, 2.8671



46.4404, 82.2472, 8.9505

Previews

White Background



This preview shows how the HunterLab color 38.4106, -18.9028, 7.7083 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 38.4106, -18.9028, 7.7083 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 38.4106, -18.9028, 7.7083 Background



This preview shows how black text looks on a background with the HunterLab color 38.4106, -18.9028, 7.7083.



This preview shows how white text looks on a background with the HunterLab color 38.4106,

-18.9028, 7.7083.

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

38.4106, -18.9028, 7.7083

Protanopia

38.0666, -2.6387, 9.6976

Deuteranopia

38.1990, 2.3150, 6.7745



Tritanopia

38.4276, -10.9577, -5.4252

Trichromacy



Original Color

38.4106, -18.9028, 7.7083

Protanomaly

37.7308, -9.4784, 8.5757

Deuteranomaly

37.7394, -6.2663, 6.5083

Tritanomaly

38.2421, -13.8524, -0.4441

Monochromacy



Original Color

38.4106, -18.9028, 7.7083

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

35.8873, -8.5414, 3.6812

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.4106, -18.9028, 7.7083 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(62, 118, 92)` looks like.

```
.text, #text, p{  
    color:rgb(62, 118, 92)  
}
```

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(62, 118, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 118, 92) }
```

Border

The CSS property to change the border of an element to HunterLab 38.4106, -18.9028, 7.7083 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(62, 118, 92) }
```


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

```
.border{ border-color:rgb(62, 118, 92) }
```

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

Here you see how a box with a 4 pixel rgb(62, 118, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 118, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 118, 92);  
box-shadow:4px 4px 4px 4px rgb(62, 118,  
92) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.4106, -18.9028, 7.7083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 118, 92) }
```

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

```
.background{ background-color: rgb(62, 118,  
92) }
```

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