

Converting Colors

HunterLab(40.3191, -12.8126,
10.3122)

Have a look what the booklet for
HunterLab(40.3191, -12.8126,
10.3122) contains.

HunterLab(40.3875, -12.9643, 10.4596)	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(40.3875,
-12.9643, 10.4596)**

Conversions

Conversions Part 1

Format	Color
Hex	5E775A
RGB	94, 119, 90
RGB Percent	37%, 47%, 35%
CMY	0.6314, 0.5333, 0.6471
CMYK	0.21, 0.00, 0.24, 0.53
HSL	112°, 14%, 41%
HSV	112°, 24%, 47%
XYZ	13.0584, 16.3115, 12.1330
YIQ	108.2190, -5.5910, -14.3190

Conversions

Conversions Part 2

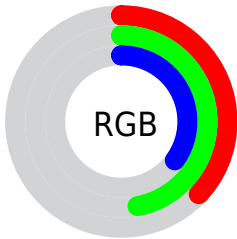
Format	Color
RYB	90, 119, 115
Decimal	6190938
CIELab	47.38, -15.19, 13.03
CIELCh	47, 20.018, 139.371
Yxy	16.3122, 0.3146, 0.3930
Android (android.graphics.Color)	4284381018 (0xFF5E775A)
YUV	108.2190, -8.9820, -12.4701
Hunter-Lab	40.3875, -12.9643, 10.4596

Details

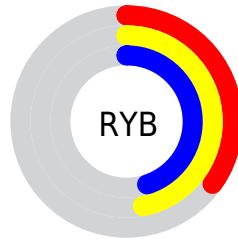
The HunterLab color $40.3875, -12.9643, 10.4596$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $35.0565, 10.2258, -7.7382$, and the grayscale version is $38.8434, -2.0726, 2.1104$.

A 20% lighter version of the original color is $60.8597, -15.6597, 13.0563$, and $22.7299, -9.8017, 7.6189$ is the 20% darker color. If you saturate the color by 10%, you get $39.5205, -16.7274, 13.2178$, and if you desaturate by 10%, it is $41.3646, -8.8253, 7.3531$.

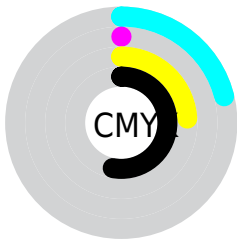
Distribution



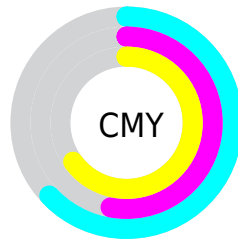
- Red (37%)
- Green (47%)
- Blue (35%)



- Red (35%)
- Yellow (47%)
- Blue (45%)



- Cyan (21%)
- Magenta (0%)
- Yellow (24%)
- Black (53%)



- Cyan (63%)
- Magenta (53%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3875, -12.9643, 10.4596 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 40.3875, -12.9643, 10.4596 by changing the saturation by 10% instead.

40.3875, -12.9643,
10.4596

40.3875, -12.9643,
10.4596

152.0450,
-25.4991, 22.0870

31.2175, -11.4813,
9.1065

60.9421, -15.8206,
13.0779

22.8702, -9.9317,
7.6969

72.2277, -17.2167,
14.3646

15.4373, -8.2758,
6.1937

84.1350, -18.6018,
15.6457

9.0398, -7.8063,
6.3278

96.6331, -19.9809,
16.9255

0.0000, NaN, NaN

0.0000, NaN, NaN

109.6952,
-21.3577, 18.2075

0.0000, NaN, NaN

123.2980,

0.0000, NaN, NaN

-22.7350, 19.4939

0.0000, NaN, NaN

137.4208,
-24.1149, 20.7866

■ 40.3875, -12.9643,
10.4596

■ 40.3875, -12.9643,
10.4596

■ 39.5205, -16.7274,
13.2178

■ 41.3646, -8.8253,
7.3531

■ 38.7626, -20.0776,
15.6025

■ 42.4464, -4.3460,
3.9250

■ 38.1151, -22.9874,
17.5973

■ 43.6306, 0.4333,
0.2063

■ 37.5769, -25.4368,
19.1937

■ 44.9130, 5.4738,
-3.7717

■ 37.1454, -27.4172,
20.3945

■ 46.2893, 10.7382,
-7.9783

■ 36.8160, -28.9333,
21.2158

■ 47.7550, 16.1922,
-12.3843

■ 36.5810, -30.0116,
21.7038

■ 49.3053, 21.8049,
-16.9629

■ 36.4803, -30.4801,
21.9454

■ 50.9357, 27.5488,
-21.6896

■ 52.6414, 33.4002,
-26.5429

Harmonies

Analogous

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



40.3884, -7.0330, 13.5147



40.3875, -12.9643, 10.4596



40.3884, -15.9210, 4.7530

Triad

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



40.3884, -12.9651, 10.4601



40.3884, -4.8980, -14.5724



40.3884, 13.0579, 6.6683

Complementary

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



40.3875, -12.9643, 10.4596



35.0565, 10.2258, -7.7382

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.



40.3884, 13.7390, -0.5347



40.3875, -12.9643, 10.4596



40.3884, 2.9614, -13.7899

Square

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



40.3884, -12.9651, 10.4601



40.3884, -11.5049, -10.2584



40.3884, 9.9223, -8.2890



40.3884, 8.1265, 11.6315

Rectangle

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



40.3875, -12.9643, 10.4596



40.3884, -15.9705, -0.2051



40.3884, 9.9223, -8.2890



40.3884, 13.8050, 4.4628

Sweetspot

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



40.3884, -12.9651, 10.4601



56.3791, -7.5411, 6.5811



41.0398, -4.2086, 11.2402



27.4163, -3.7947, 3.2987



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.



40.3884, -12.9651, 10.4601



53.4042, -20.1167, 16.0376



40.3622, -12.6054, 6.8832



20.2983, -3.1316, 2.6903



37.5973, -31.4327, 22.6170



82.8596, -69.9728, 49.8327

Inverse Universe

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



35.0565, 10.2258, -7.7382



44.7804, 17.4642, -13.4804



35.1220, 9.7733, -2.5401



19.3225, 1.0995, -0.6250



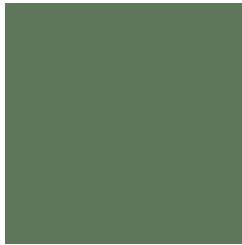
21.0950, 42.8337, -38.3676



46.2703, 94.1423, -85.6264

Previews

White Background



This preview shows how the HunterLab color 40.3875, -12.9643, 10.4596 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 40.3875, -12.9643, 10.4596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

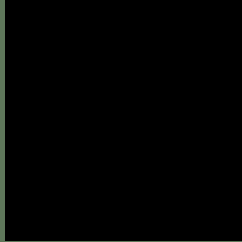
Any Text WCAG AA × Fail

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 40.3875, -12.9643, 10.4596 Background



This preview shows how black text looks on a background with the HunterLab color 40.3875, -12.9643, 10.4596.



This preview shows how white text looks on a background with the HunterLab color 40.3875,

-12.9643, 10.4596.

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

40.3875, -12.9643, 10.4596

Protanopia

40.3355, -3.0549, 11.5471

Deuteranopia

40.3034, 2.5470, 9.9843



Tritanopia

40.5290, -4.7548, -3.0052

Trichromacy



Original Color

40.3875, -12.9643, 10.4596

Protanomaly

40.4296, -6.9640, 11.2512

Deuteranomaly

40.1567, -3.5151, 10.0694

Tritanomaly

40.3203, -7.6655, 2.1698

Monochromacy



Original Color

40.3875, -12.9643, 10.4596

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

39.2575, -6.2413, 5.4865

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3875, -12.9643, 10.4596 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(94, 119, 90)` looks like.

```
.text, #text, p{  
    color:rgb(94, 119, 90)  
}
```

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(94, 119, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 119, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3875, -12.9643, 10.4596 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(94, 119, 90) }
```


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

```
.border{ border-color:rgb(94, 119, 90) }
```

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

Here you see how a box with a 4 pixel rgb(94, 119, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 119, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 119, 90);  
box-shadow:4px 4px 4px 4px rgb(94, 119,  
90) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.3875, -12.9643, 10.4596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 119, 90) }
```

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

```
.background{ background-color: rgb(94, 119,  
90) }
```

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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