

Converting Colors

HunterLab(40.7166, -11.0402,
13.5997)

Have a look what the booklet for
HunterLab(40.7166, -11.0402,
13.5997) contains.

HunterLab(40.6128, -10.9793, 13.4686)	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(40.6128,
-10.9793, 13.4686)**

Conversions

Conversions Part 1

Format	Color
Hex	687651
RGB	104, 118, 81
RGB Percent	41%, 46%, 32%
CMY	0.5922, 0.5372, 0.6823
CMYK	0.12, 0.00, 0.31, 0.54
HSL	83°, 19%, 39%
HSV	83°, 31%, 46%
XYZ	13.6725, 16.4940, 10.2476
YIQ	109.5960, 3.5330, -14.4750

Conversions

Conversions Part 2

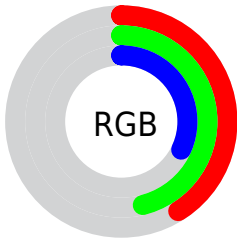
Format	Color
R_{YB}	81, 118, 95
Decimal	6846033
CIE _{Lab}	47.62, -12.23, 18.71
CIE _{LCh}	48, 22.349, 123.162
Yxy	16.4947, 0.3383, 0.4081
Android (android.graphics.Color)	4285036113 (0xFF687651)
YUV	109.5960, -14.0978, -4.9077
Hunter-Lab	40.6128, -10.9793, 13.4686

Details

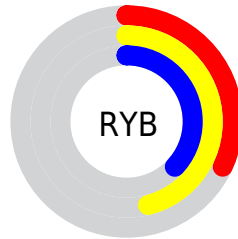
The HunterLab color $40.6128, -10.9793, 13.4686$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $31.0262, 8.6008, -13.4861$, and the grayscale version is $39.3851, -2.1015, 2.1399$.

A 20% lighter version of the original color is $61.2014, -13.2410, 16.6781$, and $23.1267, -8.5218, 9.8224$ is the 20% darker color. If you saturate the color by 10%, you get $40.0906, -13.3307, 16.0953$, and if you desaturate by 10%, it is $41.1847, -8.4181, 10.3882$.

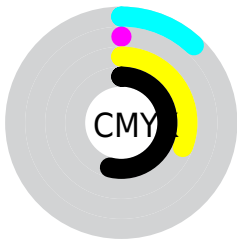
Distribution



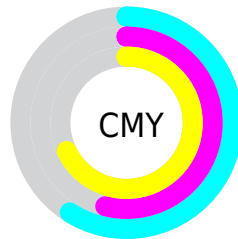
- Red (41%)
- Green (46%)
- Blue (32%)



- Red (32%)
- Yellow (46%)
- Blue (37%)



- Cyan (12%)
- Magenta (0%)
- Yellow (31%)
- Black (54%)



- Cyan (59%)
- Magenta (54%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.6128, -10.9793, 13.4686 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 40.6128, -10.9793, 13.4686 by changing the saturation by 10% instead.

40.6128, -10.9793,
13.4686

40.6128, -10.9793,
13.4686

152.3954,
-22.1977, 27.7060

31.4244, -9.6993,
11.7030

61.2005, -13.4801,
16.8033

23.0567, -8.3770,
9.8297

72.5011, -14.7167,
18.4084

15.6009, -6.9832,
7.8213

84.4227, -15.9517,
19.9876

9.1828, -6.2916,
6.4280

96.9344, -17.1885,
21.5485

0.0000, NaN, NaN

0.0000, NaN, NaN

110.0095,
-18.4298, 23.0969

0.0000, NaN, NaN

123.6248,

0.0000, NaN, NaN

-19.6776, 24.6371

0.0000, NaN, NaN

137.7595,
-20.9331, 26.1726

■ 40.6128, -10.9793,
13.4686

■ 40.6128, -10.9793,
13.4686

■ 40.0906, -13.3307,
16.0953

■ 41.1847, -8.4181,
10.3882

■ 39.6151, -15.4643,
18.2678

■ 41.8037, -5.6510,
6.8572

■ 39.1864, -17.3787,
19.9936

■ 42.4704, -2.6877,
2.8848

■ 38.8032, -19.0748,
21.2870

■ 43.1845, 0.4618,
-1.5163

■ 38.4638, -20.5573,
22.1713

■ 43.9451, 3.7867,
-6.3309

■ 38.1658, -21.8357,
22.6803

■ 44.7515, 7.2757,
-11.5413

■ 37.9310, -22.8365,
22.9731

■ 45.6027, 10.9171,
-17.1285

■ 46.4975, 14.6995,
-23.0722

■ 47.4349, 18.6113,
-29.3518

Harmonies

Analogous

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



40.6137, -3.0942, 15.1784



40.6128, -10.9793, 13.4686



40.6137, -16.1356, 8.8013

Triad

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



40.6137, -10.9803, 13.4690



40.6137, -9.4992, -14.8475



40.6137, 16.0593, 3.0847

Complementary

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



40.6128, -10.9793, 13.4686



31.0262, 8.6008, -13.4861

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.



40.6137, 13.9837, -5.7112



40.6128, -10.9793, 13.4686



40.6137, -1.2359, -17.2684

Square

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



40.6137, -10.9803, 13.4690



40.6137, -15.3328, -7.5695



40.6137, 7.4636, -13.6247



40.6137, 12.9190, 10.0367

Rectangle

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



40.6128, -10.9793, 13.4686



40.6137, -17.5802, 4.0731



40.6137, 7.4636, -13.6247



40.6137, 15.9491, 0.2557

Sweetspot

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



40.6137, -10.9803, 13.4690



55.6143, -6.6766, 8.0179



35.4299, 3.5453, 8.8663



26.6182, -3.4181, 4.1304



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.



40.6137, -10.9803, 13.4690



53.3210, -16.9513, 20.5580



39.4043, -15.5231, 12.2955



20.4947, -2.4320, 2.9172



39.4427, -23.7893, 23.8879



86.7815, -53.6812, 52.5346

Inverse Universe

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



31.0262, 8.6008, -13.4861



37.7247, 15.1155, -23.8545



32.7237, 13.8181, -10.6495



19.1080, 0.3730, -0.9108



14.1541, 34.2367, -68.3516



30.5055, 74.8462, -155.5152

Previews

White Background



This preview shows how the HunterLab color 40.6128, -10.9793, 13.4686 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 40.6128, -10.9793, 13.4686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

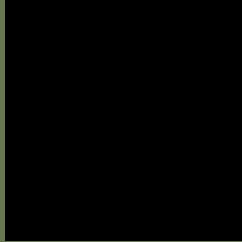
Any Text WCAG AA × Fail

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 40.6128, -10.9793, 13.4686 Background



This preview shows how black text looks on a background with the HunterLab color 40.6128, -10.9793, 13.4686.



This preview shows how white text looks on a background with the HunterLab color 40.6128,

-10.9793, 13.4686.

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

40.6128, -10.9793, 13.4686

Protanopia

40.6354, -3.7168, 14.1813

Deuteranopia

40.4181, 2.5653, 12.9456



Tritanopia

40.6576, -1.5712, -1.8248

Trichromacy



Original Color

40.6128, -10.9793, 13.4686

Protanomaly

40.6023, -6.6530, 13.8200

Deuteranomaly

40.4167, -2.9662, 13.1424

Tritanomaly

40.6339, -5.3527, 4.6484

Monochromacy



Original Color

40.6128, -10.9793, 13.4686

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

39.8739, -5.5774, 6.9201

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.6128, -10.9793, 13.4686 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(104, 118, 81)` looks like.

```
.text, #text, p{  
    color:rgb(104, 118, 81)  
}
```

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(104, 118, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 118, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 40.6128, -10.9793, 13.4686 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(104, 118, 81) }
```


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

```
.border{ border-color:rgb(104, 118, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 118, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 118, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 118, 81);  
box-shadow:4px 4px 4px 4px rgb(104, 118,  
81) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.6128, -10.9793, 13.4686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 118, 81) }
```

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

```
.background{ background-color: rgb(104,  
118, 81) }
```

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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