

Converting Colors

HunterLab(40.6065, -18.4788,
7.7446)

Have a look what the booklet for
HunterLab(40.6065, -18.4788,
7.7446) contains.

HunterLab(40.4813, -18.4312, 7.6975)	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(40.4813,
-18.4312, 7.6975)**

Conversions

Conversions Part 1

Format	Color
Hex	477B62
RGB	71, 123, 98
RGB Percent	28%, 48%, 38%
CMY	0.7216, 0.5176, 0.6157
CMYK	0.42, 0.00, 0.20, 0.52
HSL	151°, 27%, 38%
HSV	151°, 42%, 48%
XYZ	11.8861, 16.3874, 14.0919
YIQ	104.6020, -22.9670, -18.7990

Conversions

Conversions Part 2

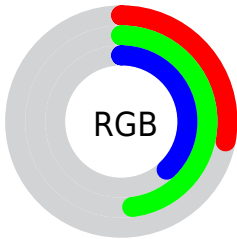
Format	Color
RYB	71, 105, 123
Decimal	4684642
CIELab	47.48, -23.58, 8.28
CIElCh	47, 24.991, 160.649
Yxy	16.3880, 0.2806, 0.3868
Android (android.graphics.Color)	4282874722 (0xFF477B62)
YUV	104.6020, -3.2548, -29.4690
Hunter-Lab	40.4813, -18.4312, 7.6975

Details

The HunterLab color **40.4813, -18.4312, 7.6975** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **30.9230, 18.2329, -1.8452**, and the grayscale version is **37.4532, -1.9984, 2.0349**.

A 20% lighter version of the original color is **61.1213, -22.3397, 9.6898**, and **23.0324, -14.1284, 5.5820** is the 20% darker color. If you saturate the color by 10%, you get **39.8264, -21.2697, 9.0651**, and if you desaturate by 10%, it is **41.2517, -15.1958, 6.3620**.

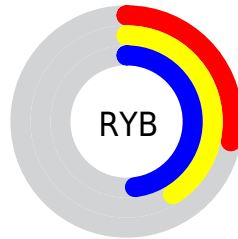
Distribution



Red (28%)

Green (48%)

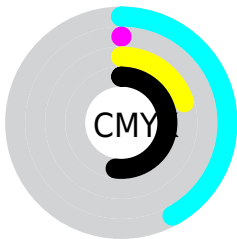
Blue (38%)



Red (28%)

Yellow (41%)

Blue (48%)

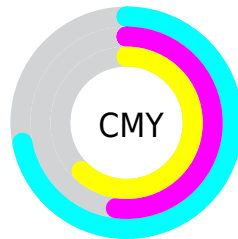


Cyan (42%)

Magenta (0%)

Yellow (20%)

Black (52%)



Cyan (72%)

Magenta (52%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4813, -18.4312, 7.6975 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 40.4813, -18.4312, 7.6975 by changing the saturation by 10% instead.

40.4813, -18.4312,
7.6975

40.4813, -18.4312,
7.6975

152.1909,
-34.7650, 17.2222

31.3036, -16.3590,
6.6743

61.0496, -22.3171,
9.7417

22.9477, -14.1492,
5.6361

72.3415, -24.1742,
10.7726

15.5053, -11.7307,
4.5635

84.2548, -25.9927,
11.8138

9.0996, -11.7771,
4.2675

96.7585, -27.7819,
12.8670

0.0000, NaN, NaN

0.0000, NaN, NaN

109.8260,
-29.5489, 13.9337

0.0000, NaN, NaN

123.4340,

0.0000, NaN, NaN

-31.2991, 15.0147

0.0000, NaN, NaN

137.5618,
-33.0366, 16.1107

■ 40.4813, -18.4312,
7.6975

■ 40.4813, -18.4312,
7.6975

■ 39.8264, -21.2697,
9.0651

■ 41.2517, -15.1958,
6.3620

■ 39.2828, -23.6922,
10.4475

■ 42.1353, -11.5874,
5.0716

■ 38.8476, -25.6926,
11.8277

■ 43.1318, -7.6381,
3.8388

■ 38.5148, -27.2772,
13.1875

■ 44.2388, -3.3826,
2.6732

■ 38.2760, -28.4679,
14.5081

■ 45.4531, 1.1428,
1.5823

■ 38.1250, -29.2403,
15.4686

■ 46.7709, 5.9019,
0.5709

■ 48.1879, 10.8604,
-0.3580

■ 49.6992, 15.9866,
-1.2034

■ 51.3003, 21.2518,
-1.9657

Harmonies

Analogous

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



40.4821, -13.7063, 13.5688



40.4813, -18.4312, 7.6975



40.4821, -19.0465, -1.2461

Triad

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



40.4821, -18.4317, 7.6980



40.4821, 1.3744, -19.6333



40.4821, 13.1282, 12.2166

Complementary

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



40.4813, -18.4312, 7.6975



30.9230, 18.2329, -1.8452

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.



40.4821, 18.0423, 5.3740



40.4813, -18.4312, 7.6975



40.4821, 10.8406, -13.8678

Square

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



40.4821, -18.4317, 7.6980



40.4821, -8.2111, -18.5871



40.4821, 17.1675, -4.1885



40.4821, 4.2642, 15.7165

Rectangle

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



40.4813, -18.4312, 7.6975



40.4821, -17.1134, -8.0258



40.4821, 17.1675, -4.1885



40.4821, 15.3332, 10.3084

Sweetspot

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



40.4821, -18.4317, 7.6980



57.5711, -10.7920, 5.3050



41.3710, -16.0559, 16.6680



27.8127, -5.7342, 2.7235



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



40.4821, -18.4317, 7.6980



53.2960, -28.4540, 12.1263



40.8928, -14.1610, -2.2205



21.1695, -3.0687, 1.6831



38.7747, -29.7486, 15.7537



84.5840, -65.6056, 35.9011

Inverse Universe

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



30.9230, 18.2329, -1.8452



37.9510, 30.8515, -2.9047



30.4692, 14.7234, 7.4324



20.1101, 0.9429, 0.5976



21.6408, 38.5716, 2.2700



47.0842, 83.5844, 7.5465

Previews

White Background



This preview shows how the HunterLab color 40.4813, -18.4312, 7.6975 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 40.4813, -18.4312, 7.6975 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 40.4813, -18.4312, 7.6975 Background



This preview shows how black text looks on a background with the HunterLab color 40.4813, -18.4312, 7.6975.



This preview shows how white text looks on a background with the HunterLab color 40.4813,

-18.4312, 7.6975.

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

40.4813, -18.4312, 7.6975

Protanopia

40.3522, -2.7870, 9.9389

Deuteranopia

40.2203, 2.6823, 6.6811



Tritanopia

40.4622, -10.6576, -5.1789

Trichromacy



Original Color

40.4813, -18.4312, 7.6975

Protanomaly

40.1543, -9.1677, 8.9462

Deuteranomaly

39.8198, -5.7220, 6.4848

Tritanomaly

40.2656, -13.5929, -0.2077

Monochromacy



Original Color

40.4813, -18.4312, 7.6975

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

38.5679, -8.6848, 4.2890

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4813, -18.4312, 7.6975 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(71, 123, 98)` looks like.

```
.text, #text, p{  
    color:rgb(71, 123, 98)  
}
```

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(71, 123, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 123, 98) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4813, -18.4312, 7.6975 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(71, 123, 98) }
```


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

```
.border{ border-color:rgb(71, 123, 98) }
```

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

Here you see how a box with a 4 pixel rgb(71, 123, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 123, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 123, 98);  
box-shadow:4px 4px 4px 4px rgb(71, 123,  
98) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4813, -18.4312, 7.6975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 123, 98) }
```

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

```
.background{ background-color: rgb(71, 123,  
98) }
```

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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