

Converting Colors

HunterLab(40.9480, -20.0190,
6.6629)

Have a look what the booklet for
HunterLab(40.9480, -20.0190,
6.6629) contains.

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Color

**HunterLab(40.8452,
-19.9908, 6.5718)**

Conversions

Conversions Part 1

Format	Color
Hex	3F7D66
RGB	63, 125, 102
RGB Percent	25%, 49%, 40%
CMY	0.7529, 0.5098, 0.6000
CMYK	0.50, 0.00, 0.18, 0.51
HSL	158°, 33%, 37%
HSV	158°, 50%, 49%
XYZ	11.7818, 16.6833, 15.1696
YIQ	103.8400, -29.5690, -20.2970

Conversions

Conversions Part 2

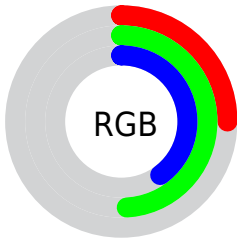
Format	Color
R _Y B	63, 101, 125
Decimal	4160870
CIE Lab	47.86, -25.95, 6.42
CIE LCh	48, 26.732, 166.104
Yxy	16.6840, 0.2700, 0.3823
Android (android.graphics.Color)	4282350950 (0xFF3F7D66)
YUV	103.8400, -0.9071, -35.8167
Hunter-Lab	40.8452, -19.9908, 6.5718

Details

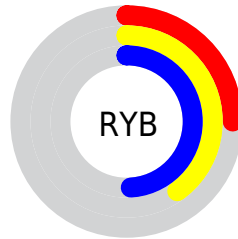
The HunterLab color **40.8452, -19.9908, 6.5718** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **29.3041, 21.2971, 0.6155**, and the grayscale version is **37.1580, -1.9827, 2.0189**.

A 20% lighter version of the original color is **61.4699, -24.1144, 8.3871**, and **23.0950, -15.2529, 4.6850** is the 20% darker color. If you saturate the color by 10%, you get **40.2848, -22.4276, 7.6549**, and if you desaturate by 10%, it is **41.5186, -17.1546, 5.5615**.

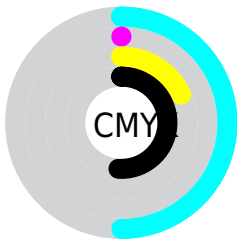
Distribution



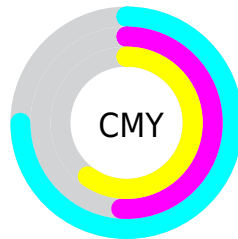
- Red (25%)
- Green (49%)
- Blue (40%)



- Red (25%)
- Yellow (40%)
- Blue (49%)



- Cyan (50%)
- Magenta (0%)
- Yellow (18%)
- Black (51%)



- Cyan (75%)
- Magenta (51%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.8452, -19.9908, 6.5718 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 40.8452, -19.9908, 6.5718 by changing the saturation by 10% instead.

40.8452, -19.9908,
6.5718

40.8452, -19.9908,
6.5718

152.7562,
-37.4062, 15.3028

31.6377, -17.7522,
5.6721

61.4668, -24.1689,
8.4004

23.2491, -15.3570,
4.7728

72.7829, -26.1570,
9.3350

15.7700, -12.7266,
3.8613

84.7191, -28.0989,
10.2856

9.3278, -12.6205,
3.3607

97.2447, -30.0051,
11.2532

0.0000, NaN, NaN

0.0000, NaN, NaN

110.3332,
-31.8834, 12.2385

0.0000, NaN, NaN

123.9613,

0.0000, NaN, NaN

-33.7399, 13.2417

0.0000, NaN, NaN

138.1084,
-35.5795, 14.2631

■ 40.8452, -19.9908,
6.5718

■ 40.8452, -19.9908,
6.5718

■ 40.2848, -22.4276,
7.6549

■ 41.5186, -17.1546,
5.5615

■ 39.8314, -24.4565,
8.7952

■ 42.3042, -13.9344,
4.6346

■ 39.4803, -26.0827,
9.9770

■ 43.2028, -10.3553,
3.8008

■ 39.2236, -27.3256,
11.1822

■ 44.2133, -6.4470,
3.0669

■ 39.0293, -28.3075,
12.3709

■ 45.3335, -2.2427,
2.4373

■ 39.0217, -28.3459,
12.4170

■ 46.5601, 2.2232,
1.9139

■ 47.8894, 6.9167,
1.4967

■ 49.3171, 11.8052,
1.1839

■ 50.8388, 16.8583,
0.9724

Harmonies

Analogous

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



40.8460, -15.7362, 13.4242



40.8452, -19.9908, 6.5718



40.8460, -19.8259, -3.4709

Triad

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



40.8460, -19.9913, 6.5723



40.8460, 3.5709, -20.8684



40.8460, 12.7811, 13.7833

Complementary

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



40.8452, -19.9908, 6.5718



29.3041, 21.2971, 0.6155

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.



40.8460, 19.0825, 7.2001



40.8452, -19.9908, 6.5718



40.8460, 13.4093, -13.4610

Square

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



40.8460, -19.9913, 6.5723



40.8460, -6.9183, -21.1603



40.8460, 19.3234, -2.6635



40.8460, 2.7813, 16.8186

Rectangle

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



40.8452, -19.9908, 6.5718



40.8460, -17.2478, -10.7904



40.8460, 19.3234, -2.6635



40.8460, 15.4445, 11.9988

Sweetspot

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



40.8460, -19.9913, 6.5723



58.3673, -11.6926, 4.6533



41.2818, -19.7501, 18.3374



27.7282, -6.0002, 2.3017



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.



40.8460, -19.9913, 6.5723



53.7846, -30.5557, 10.5208



39.2938, -13.3293, -5.2973



22.0469, -3.1131, 1.5112



39.8627, -28.9688, 12.7104

0.0000, NaN, NaN

Inverse Universe

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



29.3041, 21.2971, 0.6155



35.4570, 35.7683, 1.6254



30.2140, 15.4200, 9.6590



20.9012, 0.9025, 0.8703



21.8133, 38.3079, 6.7153

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.8452, -19.9908, 6.5718 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 40.8452, -19.9908, 6.5718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

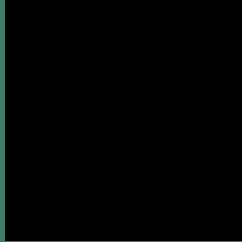
Any Text WCAG AA × Fail

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 40.8452, -19.9908, 6.5718 Background



This preview shows how black text looks on a background with the HunterLab color 40.8452, -19.9908, 6.5718.



This preview shows how white text looks on a background with the HunterLab color 40.8452,

-19.9908, 6.5718.

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

40.8452, -19.9908, 6.5718

Protanopia

40.7145, -2.7510, 8.9247

Deuteranopia

40.5823, 2.7470, 5.5293



Tritanopia

40.8081, -12.2207, -6.2658

Trichromacy



Original Color

40.8452, -19.9908, 6.5718

Protanomaly

40.3201, -9.8583, 7.6806

Deuteranomaly

40.2542, -6.8640, 5.3943

Tritanomaly

40.6252, -15.1450, -1.1653

Monochromacy



Original Color

40.8452, -19.9908, 6.5718

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

38.3294, -9.5059, 3.6028

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.8452, -19.9908, 6.5718 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(63, 125, 102)` looks like.

```
.text, #text, p{  
    color:rgb(63, 125, 102)  
}
```

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(63, 125, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 125, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 40.8452, -19.9908, 6.5718 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(63, 125, 102) }
```


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

```
.border{ border-color:rgb(63, 125, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 125, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 125, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 125, 102);  
box-shadow:4px 4px 4px 4px rgb(63, 125,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.8452, -19.9908, 6.5718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 125, 102) }
```

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

```
.background{ background-color: rgb(63, 125,  
102) }
```

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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