

Converting Colors

HunterLab(40.2862, -10.1094,
7.4044)

Have a look what the booklet for
HunterLab(40.2862, -10.1094,
7.4044) contains.

HunterLab(40.2742, -9.9795, 7.2641)	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(40.2742, -9.9795,
7.2641)**

Conversions

Conversions Part 1

Format	Color
Hex	627563
RGB	98, 117, 99
RGB Percent	38%, 46%, 39%
CMY	0.6157, 0.5412, 0.6118
CMYK	0.16, 0.00, 0.15, 0.54
HSL	123°, 9%, 42%
HSV	123°, 16%, 46%
XYZ	13.6504, 16.2201, 14.2158
YIQ	109.2670, -5.5460, -9.6260

Conversions

Conversions Part 2

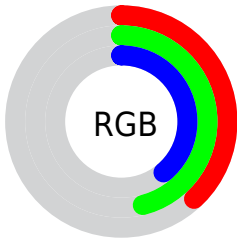
Format	Color
R _Y B	98, 116, 117
Decimal	6452579
CIE Lab	47.26, -10.84, 7.61
CIE LCh	47, 13.245, 144.923
Yxy	16.2208, 0.3096, 0.3679
Android (android.graphics.Color)	4284642659 (0xFF627563)
YUV	109.2670, -5.0616, -9.8812
Hunter-Lab	40.2742, -9.9795, 7.2641

Details

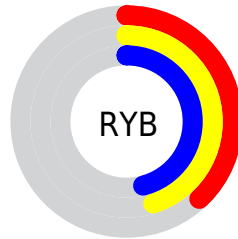
The HunterLab color $40.2742, -9.9795, 7.2641$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $37.1196, 6.4838, -3.4065$, and the grayscale version is $39.2286, -2.0931, 2.1314$.

A 20% lighter version of the original color is $60.8009, -12.1990, 9.1145$, and $22.8210, -7.7644, 5.4857$ is the 20% darker color. If you saturate the color by 10%, you get $39.2672, -14.2361, 10.0340$, and if you desaturate by 10%, it is $41.4086, -5.3302, 4.2654$.

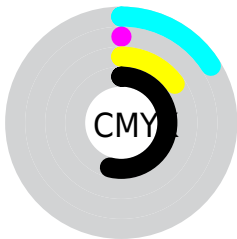
Distribution



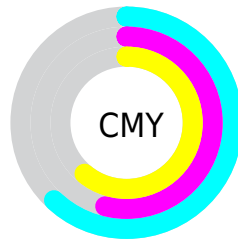
- Red (38%)
- Green (46%)
- Blue (39%)



- Red (38%)
- Yellow (45%)
- Blue (46%)



- Cyan (16%)
- Magenta (0%)
- Yellow (15%)
- Black (54%)



- Cyan (62%)
- Magenta (54%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2742, -9.9795, 7.2641 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 40.2742, -9.9795, 7.2641 by changing the saturation by 10% instead.

■ 40.2742, -9.9795,
7.2641

■ 40.2742, -9.9795,
7.2641

151.8687,
-20.5880, 16.4974

■ 31.1136, -8.7914,
6.2857

■ 60.8121, -12.3171,
9.2297

■ 22.7764, -7.5711,
5.2975

■ 72.0902, -13.4801,
10.2253

■ 15.3551, -6.2935,
4.2822

■ 83.9903, -14.6456,
11.2332

■ 8.9668, -5.7466,
4.0069

■ 96.4815, -15.8164,
12.2550

0.0000, NaN, NaN

0.0000, NaN, NaN

109.5371,
-16.9946, 13.2917

0.0000, NaN, NaN

123.1336,

0.0000, NaN, NaN

-18.1820, 14.3440

0.0000, NaN, NaN

137.2503,
-19.3794, 15.4125

■ 40.2742, -9.9795,
7.2641

■ 40.2742, -9.9795,
7.2641

■ 39.2672, -14.2361,
10.0340

■ 41.4086, -5.3302,
4.2654

■ 38.3881, -18.0498,
12.5423

■ 42.6636, -0.3356,
1.0687

■ 37.6392, -21.3797,
14.7609

■ 44.0351, 4.9537,
-2.2941

■ 37.0201, -24.1936,
16.6667

■ 45.5175, 10.4910,
-5.7935

■ 36.5282, -26.4726,
18.2442

■ 47.1047, 16.2333,
-9.4032

■ 36.1584, -28.2147,
19.4877

■ 48.7908, 22.1424,
-13.0998

■ 35.9025, -29.4380,
20.4027

■ 50.5696, 28.1854,
-16.8635

■ 35.7411, -30.2178,
21.0025

■ 52.4355, 34.3343,
-20.6777

■ 35.6885, -30.4679,
21.1639

■ 54.3826, 40.5659,
-24.5289

Harmonies

Analogous

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



40.2751, -6.2618, 9.8710



40.2742, -9.9795, 7.2641



40.2751, -11.5972, 3.0215

Triad

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



40.2751, -9.9803, 7.2646



40.2751, -3.0285, -8.4299



40.2751, 7.2825, 5.9830

Complementary

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



40.2742, -9.9795, 7.2641



37.1196, 6.4838, -3.4065

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.



40.2751, 8.2547, 1.3450



40.2742, -9.9795, 7.2641



40.2751, 2.1313, -7.3784

Square

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



40.2751, -9.9803, 7.2646



40.2751, -7.7151, -6.3554



40.2751, 6.3259, -3.6398



40.2751, 3.7323, 9.1992

Rectangle

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



40.2742, -9.9795, 7.2641



40.2751, -11.3280, -0.3241



40.2751, 6.3259, -3.6398



40.2751, 7.9290, 4.5561

Sweetspot

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



40.2751, -9.9803, 7.2646



55.5893, -6.4113, 5.2446



41.6193, -5.1738, 9.0934



26.6124, -3.2454, 2.6246



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.



40.2751, -9.9803, 7.2646



53.4367, -15.2671, 10.9614



40.5121, -8.6399, 3.8637



20.2510, -3.2870, 2.5268



37.4588, -31.9863, 22.2291



82.6671, -70.7598, 49.4234

Inverse Universe

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



37.1196, 6.4838, -3.4065



48.3939, 11.0631, -6.1019



36.8371, 4.9953, 0.5966



19.3772, 1.2672, -0.4256



23.2954, 45.3025, -26.8717



51.3858, 99.8694, -58.8070

Previews

White Background



This preview shows how the HunterLab color 40.2742, -9.9795, 7.2641 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 40.2742, -9.9795, 7.2641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

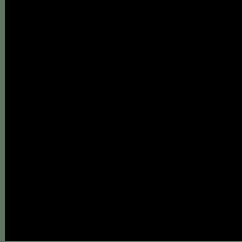
Any Text WCAG AA × Fail

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 40.2742, -9.9795, 7.2641 Background



This preview shows how black text looks on a background with the HunterLab color 40.2742, -9.9795, 7.2641.



This preview shows how white text looks on a background with the HunterLab color 40.2742, -9.9795, 7.2641.

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

40.2742, -9.9795, 7.2641

Protanopia

40.2676, -2.9045, 8.4678

Deuteranopia

40.2203, 2.6823, 6.6811



Tritanopia

40.3602, -3.9721, -2.7276

Trichromacy



Original Color

40.2742, -9.9795, 7.2641

Protanomaly

40.2650, -5.7161, 8.0582

Deuteranomaly

40.0025, -2.2359, 6.7404

Tritanomaly

40.3027, -6.1552, 1.3070

Monochromacy



Original Color

40.2742, -9.9795, 7.2641

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

39.5114, -5.1309, 4.2023

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2742, -9.9795, 7.2641 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(98, 117, 99)` looks like.

```
.text, #text, p{  
    color:rgb(98, 117, 99)  
}
```

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(98, 117, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 117, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2742, -9.9795, 7.2641 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(98, 117, 99) }
```


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

```
.border{ border-color:rgb(98, 117, 99) }
```

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

Here you see how a box with a 4 pixel rgb(98, 117, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 117, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 117, 99);  
box-shadow:4px 4px 4px 4px rgb(98, 117,  
99) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2742, -9.9795, 7.2641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 117, 99) }
```

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

```
.background{ background-color: rgb(98, 117,  
99) }
```

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