

Converting Colors

HunterLab(37.0776, 4.9425,
5.9257)

Have a look what the booklet for
HunterLab(37.0776, 4.9425, 5.9257)
contains.

HunterLab(36.9880, 4.8320, 5.9016)	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(36.9880, 4.8320,
5.9016)**

Conversions

Conversions Part 1

Format	Color
Hex	7A625E
RGB	122, 98, 94
RGB Percent	48%, 38%, 37%
CMY	0.5216, 0.6157, 0.6314
CMYK	0.00, 0.20, 0.23, 0.52
HSL	9°, 13%, 42%
HSV	9°, 23%, 48%
XYZ	14.4141, 13.6811, 12.4707
YIQ	104.7200, 15.5880, 3.8440

Conversions

Conversions Part 2

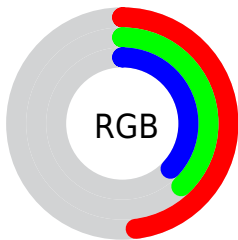
Format	Color
R_{YB}	122, 99, 94
Decimal	8020574
CIE _{Lab}	43.77, 9.00, 5.93
CIE _{LCh}	44, 10.775, 33.386
Yxy	13.6817, 0.3553, 0.3373
Android (android.graphics.Color)	4286210654 (0xFF7A625E)
YUV	104.7200, -5.2850, 15.1546
Hunter-Lab	36.9880, 4.8320, 5.9016

Details

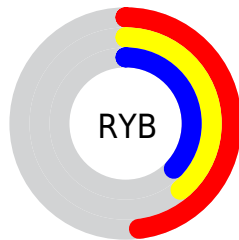
The HunterLab color **36.9880, 4.8320, 5.9016** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **40.9161, -7.8778, -1.6064**, and the grayscale version is **37.4949, -2.0006, 2.0372**.

A 20% lighter version of the original color is **57.1161, 4.6187, 7.8857**, and **19.9938, 4.8732, 4.1132** is the 20% darker color. If you saturate the color by 10%, you get **34.1308, 8.2292, 7.3772**, and if you desaturate by 10%, it is **40.0059, 1.5989, 4.3896**.

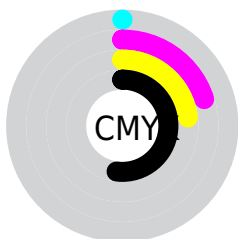
Distribution



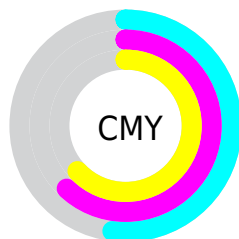
- Red (48%)
- Green (38%)
- Blue (37%)



- Red (48%)
- Yellow (39%)
- Blue (37%)



- Cyan (0%)
- Magenta (20%)
- Yellow (23%)
- Black (52%)



- Cyan (52%)
- Magenta (62%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.9880, 4.8320, 5.9016 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 36.9880, 4.8320, 5.9016 by changing the saturation by 10% instead.

36.9880, 4.8320,
5.9016

36.9880, 4.8320,
5.9016

146.7112, 2.7161,
14.3611

28.1063, 4.7529,
5.0369

57.0292, 4.7492,
7.6631

20.0769, 4.5767,
4.1724

68.0819, 4.6091,
8.5657

13.0031, 4.2781,
3.2935

79.7687, 4.4120,
9.4853

6.4629, 5.7206,
4.1545

92.0569, 4.1627,
10.4229

0.0000, NaN, NaN

0.0000, NaN, NaN

104.9184, 3.8653,
11.3791

0.0000, NaN, NaN

118.3286, 3.5233,

0.0000, NaN, NaN

12.3541

0.0000, NaN, NaN

132.2659, 3.1394,
13.3481

■ 36.9880, 4.8320,
5.9016

■ 36.9880, 4.8320,
5.9016

■ 34.1308, 8.2292,
7.3772

■ 40.0059, 1.5989,
4.3896

■ 31.4567, 11.7917,
8.7928

■ 43.1610, -1.4751,
2.8533

■ 28.9966, 15.4942,
10.1163

■ 46.4372, -4.4057,
1.3020

■ 26.7849, 19.2784,
11.3018

■ 49.8203, -7.2089,
-0.2593

■ 24.8592, 23.0362,
12.2896

■ 53.2988, -9.9008,
-1.8276

■ 23.2568, 26.6002,
13.0123

■ 56.8630, -12.4962,
-3.4014

■ 22.0082, 29.7508,
13.4169

■ 60.5050, -15.0084,
-4.9801

■ 21.3360, 31.5439,
13.6994

■ 64.2179, -17.4491,
-6.5635

■ 67.9961, -19.8285,
-8.1517

Harmonies

Analogous

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



36.9888, 6.2166, 2.4530



36.9880, 4.8320, 5.9016



36.9888, 1.6180, 8.1031

Triad

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



36.9888, 4.8307, 5.9022



36.9888, -8.7548, 5.2139



36.9888, -1.5095, -6.2707

Complementary

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



36.9880, 4.8320, 5.9016



40.9161, -7.8778, -1.6064

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.



36.9888, -5.4370, -5.3281



36.9880, 4.8320, 5.9016



36.9888, -9.5116, 1.5683

Square

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



36.9888, 4.8307, 5.9022



36.9888, -6.2091, 7.7371



36.9888, -8.3228, -2.3496



36.9888, 2.4573, -4.8022

Rectangle

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



36.9880, 4.8320, 5.9016



36.9888, -1.0643, 8.7073



36.9888, -8.3228, -2.3496



36.9888, -2.8781, -6.2258

Sweetspot

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



36.9888, 4.8307, 5.9022



55.4618, -0.2609, 4.6471



36.6845, 10.3210, -5.0503



26.4388, -0.0457, 2.2618



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.



36.9888, 4.8307, 5.9022



46.8633, 8.9607, 8.9563



40.5900, -1.4999, 9.5164



20.2461, 0.1908, 1.8647



21.8731, 32.4282, 14.0458



46.9537, 73.4750, 30.2190

Inverse Universe

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



40.9161, -7.8778, -1.6064



53.3112, -11.9683, -3.3852



37.0667, -1.7514, -6.6419



21.0225, -2.3114, 0.3824



34.6604, -14.4837, -12.0564



75.0703, -30.8137, -27.3135

Previews

White Background



This preview shows how the HunterLab color 36.9880, 4.8320, 5.9016 looks on a white background.

Color Contrast Check

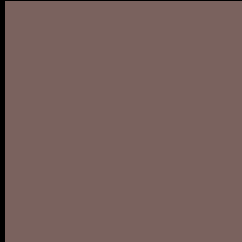
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.9880, 4.8320, 5.9016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

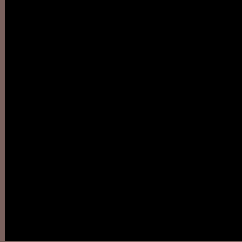
Any Text WCAG AA × Fail

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 36.9880, 4.8320, 5.9016 Background



This preview shows how black text looks on a background with the HunterLab color 36.9880, 4.8320, 5.9016.



This preview shows how white text looks on a background with the HunterLab color 36.9880, 4.8320,

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

36.9880, 4.8320, 5.9016

Protanopia

36.9991, -1.6867, 4.6464

Deuteranopia

37.0195, 2.3047, 5.8912



Tritanopia

36.8459, 7.4604, 1.7605

Trichromacy



Original Color

36.9880, 4.8320, 5.9016

Protanomaly

36.8736, 0.5667, 4.9374

Deuteranomaly

36.9510, 3.4004, 5.8368

Tritanomaly

36.9871, 6.4240, 3.5771

Monochromacy



Original Color

36.9880, 4.8320, 5.9016

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

37.1777, 0.5044, 3.2829

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.9880, 4.8320, 5.9016 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(122, 98, 94)` looks like.

```
.text, #text, p{  
    color:rgb(122, 98, 94)  
}
```

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(122, 98, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 98, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 36.9880, 4.8320, 5.9016 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(122, 98, 94) }
```


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

```
.border{ border-color:rgb(122, 98, 94) }
```

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

Here you see how a box with a 4 pixel rgb(122, 98, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 98, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 98, 94);  
box-shadow:4px 4px 4px 4px rgb(122, 98,  
94) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.9880, 4.8320, 5.9016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 98, 94) }
```

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

```
.background{ background-color: rgb(122, 98,  
94) }
```

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