

Converting Colors

HunterLab(40.2513, -6.5912,
3.1702)

Have a look what the booklet for
HunterLab(40.2513, -6.5912, 3.1702)
contains.

HunterLab(40.2373, -6.6648, 3.3586)	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(40.2373, -6.6648,
3.3586)**

Conversions

Conversions Part 1	
Format	Color
Hex	66736D
RGB	102, 115, 109
RGB Percent	40%, 45%, 43%
CMY	0.6000, 0.5490, 0.5725
CMYK	0.11, 0.00, 0.05, 0.55
HSL	152°, 6%, 43%
HSV	152°, 11%, 45%
XYZ	14.3706, 16.1904, 16.8357
YIQ	110.4290, -5.8220, -4.6220

Conversions

Conversions Part 2

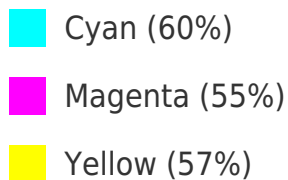
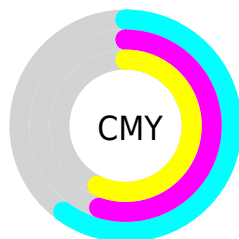
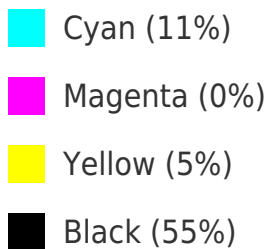
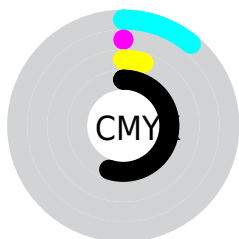
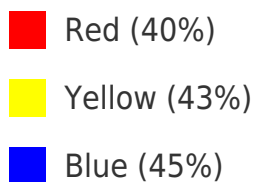
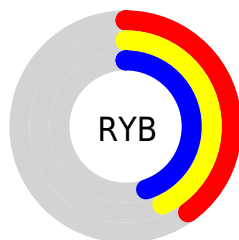
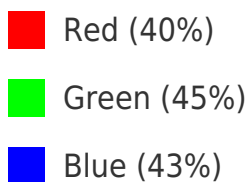
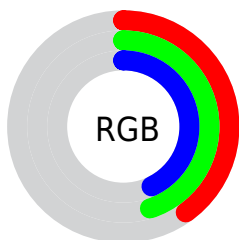
Format	Color
RYB	102, 110, 115
Decimal	6714221
CIELab	47.22, -6.15, 1.66
CIELCh	47, 6.368, 164.887
Yxy	16.1911, 0.3032, 0.3416
Android (android.graphics.Color)	4284904301 (0xFF66736D)
YUV	110.4290, -0.7045, -7.3922
Hunter-Lab	40.2373, -6.6648, 3.3586

Details

The HunterLab color $40.2373, -6.6648, 3.3586$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $37.7237, 2.7316, 0.9936$, and the grayscale version is $39.6565, -2.1160, 2.1546$.

A 20% lighter version of the original color is $60.7847, -8.5825, 4.8651$, and $22.7472, -4.8705, 2.0526$ is the 20% darker color. If you saturate the color by 10%, you get $39.3118, -10.3149, 4.4141$, and if you desaturate by 10%, it is $41.2651, -2.7405, 2.3730$.


Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 40.2373, -6.6648, 3.3586 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 40.2373, -6.6648, 3.3586 by changing the saturation by 10% instead.


 40.2373, -6.6648,
3.3586


 40.2373, -6.6648,
3.3586


151.8113,
-15.2337, 10.0996


 31.0797, -5.7862,
2.7612


 60.7697, -8.4559,
4.6539


 22.7459, -4.9101,
2.1978

 72.0454, -9.3725,
5.3480

 15.3283, -4.0260,
1.6701

 83.9432, -10.3054,
6.0717

 8.9429, -3.4730,
1.2563

 96.4322, -11.2554,
6.8239

0.0000, NaN, NaN

0.0000, NaN, NaN

109.4856,
-12.2231, 7.6037

0.0000, NaN, NaN


123.0801,


0.0000, NaN, NaN


-13.2086, 8.4101


0.0000, NaN, NaN


137.1948,
-14.2121, 9.2423


 40.2373, -6.6648,
3.3586


 40.2373, -6.6648,
3.3586

 39.3118, -10.3149,
4.4141


 41.2651, -2.7405,
2.3730


 38.4883, -13.6570,
5.5301


 42.3899, 1.4279,
1.4613


 37.7688, -16.6631,
6.6970

 43.6088, 5.8072,
0.6276

 37.1531, -19.3100,
7.9029

 44.9180, 10.3666,
-0.1263

 36.6400, -21.5810,
9.1340

 46.3132, 15.0776,
-0.8002

■ 36.2262, -23.4690,
10.3751

■ 47.7902, 19.9147,
-1.3952

■ 35.9066, -24.9782,
11.6098

■ 49.3446, 24.8549,
-1.9134

■ 35.6739, -26.1261,
12.8212

■ 50.9721, 29.8788,
-2.3576

■ 35.5091, -26.9617,
13.8192

■ 52.6685, 34.9695,
-2.7311

Harmonies

Analogous

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



40.2382, -5.4709, 5.2839



40.2373, -6.6648, 3.3586



40.2382, -6.6703, 1.0031

Triad

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



40.2382, -6.6656, 3.3592



40.2382, -0.9124, -2.4622



40.2382, 1.2978, 5.2722

Complementary

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



40.2373, -6.6648, 3.3586



37.7237, 2.7316, 0.9936

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.



40.2382, 2.5809, 3.3423



40.2373, -6.6648, 3.3586



40.2382, 1.2839, -1.1703

Square

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



40.2382, -6.6656, 3.3592



40.2382, -3.3893, -2.4570



40.2382, 2.5757, 0.9852



40.2382, -0.8938, 6.3419

Rectangle

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



40.2373, -6.6648, 3.3586



40.2382, -5.9998, -0.5013



40.2382, 2.5757, 0.9852



40.2382, 1.8520, 4.7079

Sweetspot

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



40.2382, -6.6656, 3.3592



54.9650, -4.6235, 3.4024



40.5140, -6.0360, 6.4625



26.7973, -2.4448, 1.7069



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.



40.2382, -6.6656, 3.3592



53.4500, -10.4562, 4.9180



40.2817, -5.5480, 0.8496



20.3177, -2.9150, 1.5722



37.9600, -28.8627, 14.8596



83.6932, -64.3601, 34.3258

Inverse Universe

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



37.7237, 2.7316, 0.9936



49.1902, 5.4718, 0.9145



37.6732, 1.6521, 3.4593



19.3038, 0.8731, 0.6178



21.1123, 37.5312, 2.9778



46.4237, 82.1860, 9.1919

Previews

White Background



This preview shows how the HunterLab color 40.2373, -6.6648, 3.3586 looks on a white background.

Color Contrast Check

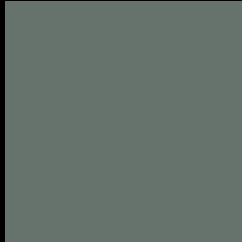
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.2373, -6.6648, 3.3586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

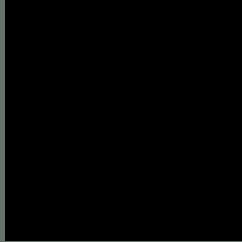
Any Text WCAG AA × Fail

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 40.2373, -6.6648, 3.3586 Background



This preview shows how black text looks on a background with the HunterLab color 40.2373, -6.6648, 3.3586.



This preview shows how white text looks on a background with the HunterLab color 40.2373, -6.6648,

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

40.2373, -6.6648, 3.3586

Protanopia

40.0940, -1.5651, 4.1086

Deuteranopia

40.0773, 2.6656, 2.9183



Tritanopia

40.1976, -3.1738, -2.4436

Trichromacy



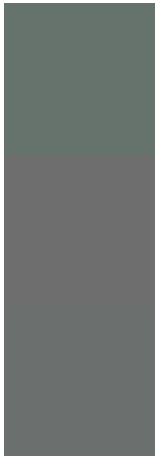
Original Color
40.2373, -6.6648, 3.3586

Protanomaly
39.9826, -3.3092, 3.5407

Deuteranomaly
40.1740, -1.1281, 2.9641

Tritanomaly
40.2524, -4.7145, -0.0685

Monochromacy



Original Color
40.2373, -6.6648, 3.3586

Achromatopsia
39.4875, -2.1070, 2.1454

Achromatomaly
39.7994, -3.8450, 2.4808

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2373, -6.6648, 3.3586 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(102, 115, 109)` looks like.

```
.text, #text, p{  
    color:rgb(102, 115, 109)  
}
```

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(102, 115, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 115, 109) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2373, -6.6648, 3.3586 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(102, 115, 109) }
```


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

```
.border{ border-color:rgb(102, 115, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 115, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 115, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 115, 109);  
box-shadow:4px 4px 4px 4px rgb(102, 115,  
109) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2373, -6.6648, 3.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 115, 109) }
```

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

```
.background{ background-color: rgb(102,  
115, 109) }
```

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