

Converting Colors

HunterLab(40.0290, 0.2645,
-2.7944)

Have a look what the booklet for
HunterLab(40.0290, 0.2645, -2.7944)
contains.

HunterLab(40.0022, 0.3699, -2.6346)	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(40.0022, 0.3699,
-2.6346)**

Conversions

Conversions Part 1

Format	Color
Hex	706E7A
RGB	112, 110, 122
RGB Percent	44%, 43%, 48%
CMY	0.5608, 0.5686, 0.5216
CMYK	0.08, 0.10, 0.00, 0.52
HSL	250°, 5%, 45%
HSV	250°, 10%, 48%
XYZ	15.7709, 16.0018, 20.6698
YIQ	111.9660, -2.6600, 4.1560

Conversions

Conversions Part 2

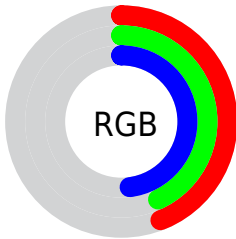
Format	Color
R_{YB}	112, 110, 122
Decimal	7368314
CIE _{Lab}	46.98, 3.30, -6.36
CIE _{LCh}	47, 7.168, 297.414
Yxy	16.0024, 0.3007, 0.3051
Android (android.graphics.Color)	4285558394 (0xFF706E7A)
YUV	111.9660, 4.9468, 0.0298
Hunter-Lab	40.0022, 0.3699, -2.6346

Details

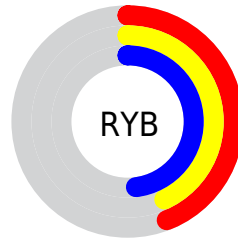
The HunterLab color $40.0022, 0.3699, -2.6346$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $43.6330, -4.6831, 6.7581$, and the grayscale version is $40.2230, -2.1462, 2.1854$.

A 20% lighter version of the original color is $60.6541, -0.5817, -1.7793$, and $22.6408, 0.5434, -2.5461$ is the 20% darker color. If you saturate the color by 10%, you get $35.9426, 3.2646, -8.1682$, and if you desaturate by 10%, it is $44.1860, -2.3989, 2.4786$.

Distribution



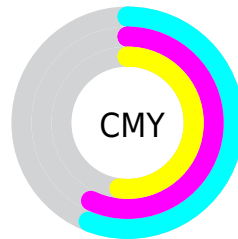
- Red (44%)
- Green (43%)
- Blue (48%)



- Red (44%)
- Yellow (43%)
- Blue (48%)



- Cyan (8%)
- Magenta (10%)
- Yellow (0%)
- Black (52%)



- Cyan (56%)
- Magenta (57%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0022, 0.3699, -2.6346 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 40.0022, 0.3699, -2.6346 by changing the saturation by 10% instead.

■ 40.0022, 0.3699,
-2.6346

■ 40.0022, 0.3699,
-2.6346

■ 151.4451, -4.2114,
0.9955

■ 30.8640, 0.6549,
-2.7809

■ 60.4999, -0.3636,
-2.1534

■ 22.5516, 0.8771,
-2.8543

■ 71.7598, -0.8001,
-1.8323

■ 15.1580, 1.0236,
-2.8416

■ 83.6426, -1.2784,
-1.4632

■ 8.7890, 1.1668,
-2.7727

■ 96.1174, -1.7957,
-1.0498

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 109.1572, -2.3495,
-0.5949

0.0000, NaN, NaN

■ 122.7386, -2.9378,

0.0000, NaN, NaN

-0.1010

0.0000, NaN, NaN

136.8407, -3.5589,
0.4297

■ 40.0022, 0.3699,
-2.6346

■ 40.0022, 0.3699,
-2.6346

■ 35.9426, 3.2646,
-8.1682

■ 44.1860, -2.3989,
2.4786

■ 32.0243, 6.3254,
-14.2453

■ 48.4765, -5.0689,
7.2624

■ 28.2749, 9.5967,
-21.0189

■ 52.8630, -7.6642,
11.7885

■ 24.7313, 13.1271,
-28.6727

■ 57.3361, -10.2027,
16.1116

■ 21.4457, 16.9520,
-37.3930

■ 61.8886, -12.6985,
20.2736

■ 18.4923, 21.0488,
-47.2712

■ 66.5142, -15.1622,
24.3075

■ 15.9730, 25.2361,
-58.0615

■ 71.2077, -17.6024,
28.2387

■ 14.0142, 29.0233,
-68.7551

■ 75.9649, -20.0258,
32.0877

■ 12.5038, 32.5605,
-79.0335

■ 80.7819, -22.4377,
35.8707

Harmonies

Analogous

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



40.0030, -2.3789, -3.2761



40.0022, 0.3699, -2.6346



40.0030, 2.4951, -0.6761

Triad

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



40.0030, 0.3690, -2.6339



40.0030, 0.8003, 6.2516



40.0030, -7.3671, 2.4075

Complementary

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



40.0022, 0.3699, -2.6346



43.6330, -4.6831, 6.7581

Split Complementary

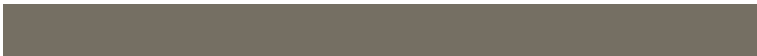
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



40.0030, -6.5667, 4.8351



40.0022, 0.3699, -2.6346



40.0030, -1.8938, 6.9572

Square

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



40.0030, 0.3690, -2.6339



40.0030, 2.7488, 4.4614



40.0030, -4.5821, 6.4567



40.0030, -6.7983, -0.2496

Rectangle

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



40.0022, 0.3699, -2.6346



40.0030, 3.2470, 1.0469



40.0030, -4.5821, 6.4567



40.0030, -7.2498, 3.2760

Sweetspot

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



40.0030, 0.3690, -2.6339



56.7944, -2.0090, 1.1450



42.6635, -4.8553, 0.6157



26.9671, -0.8358, 0.3180



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.



40.0030, 0.3690, -2.6339



51.7211, 1.4149, -5.2383



40.4911, 2.0261, -1.9752



19.8058, 0.0755, -1.0954



12.7936, 33.4726, -81.3686



27.4774, 72.7375, -181.3238

Inverse Universe

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



40.7998, 2.9439, -0.6312



53.0529, 5.6811, -1.8361



43.1695, -6.3291, 6.2285



20.1658, 1.2421, -0.1948



23.1484, 43.9721, -18.6053



50.4507, 95.6611, -39.2024

Previews

White Background



This preview shows how the HunterLab color 40.0022, 0.3699, -2.6346 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 40.0022, 0.3699, -2.6346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

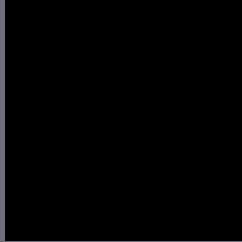
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

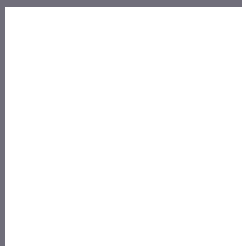
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 40.0022, 0.3699, -2.6346 Background



This preview shows how black text looks on a background with the HunterLab color 40.0022, 0.3699, -2.6346.



This preview shows how white text looks on a background with the HunterLab color 40.0022, 0.3699, -2.6346.

-2.6346.

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

40.0022, 0.3699, -2.6346

Protanopia

40.1111, -0.6490, -2.5112

Deuteranopia

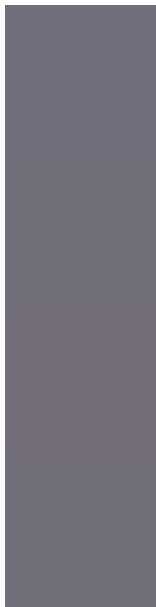
39.8901, 2.7357, -2.7390



Tritanopia

39.9105, -0.1270, -1.3369

Trichromacy



Original Color

40.0022, 0.3699, -2.6346

Protanomaly

40.1915, -0.3729, -2.4025

Deuteranomaly

39.9841, 1.6872, -2.6351

Tritanomaly

39.9408, 0.0372, -1.7656

Monochromacy



Original Color

40.0022, 0.3699, -2.6346

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

40.0931, -1.0706, 0.2521

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0022, 0.3699, -2.6346 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(112, 110, 122)` looks like.

```
.text, #text, p{  
    color:rgb(112, 110, 122)  
}
```

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(112, 110, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 110, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0022, 0.3699, -2.6346 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(112, 110, 122) }
```


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

```
.border{ border-color:rgb(112, 110, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 110, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 110, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 110, 122);  
box-shadow:4px 4px 4px 4px rgb(112, 110,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.0022, 0.3699, -2.6346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 110, 122) }
```

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

```
.background{ background-color: rgb(112,  
110, 122) }
```

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