

Converting Colors

HunterLab(39.9285, 10.5271,
-16.8124)

Have a look what the booklet for
HunterLab(39.9285, 10.5271,
-16.8124) contains.

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Color

**HunterLab(40.0398, 10.3600,
-16.6333)**

Conversions

Conversions Part 1

Format	Color
Hex	786894
RGB	120, 104, 148
RGB Percent	47%, 41%, 58%
CMY	0.5294, 0.5921, 0.4196
CMYK	0.19, 0.30, 0.00, 0.42
HSL	262°, 17%, 49%
HSV	262°, 30%, 58%
XYZ	18.0414, 16.0319, 30.1606
YIQ	113.8000, -4.5880, 17.0760

Conversions

Conversions Part 2

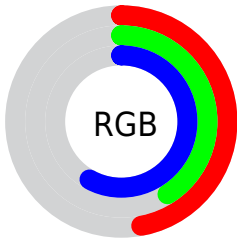
Format	Color
RYB	120, 104, 148
Decimal	7891092
CIELab	47.02, 15.73, -21.72
CIELCh	47, 26.820, 305.906
Yxy	16.0325, 0.2809, 0.2496
Android (android.graphics.Color)	4286081172 (0xFF786894)
YUV	113.8000, 16.8606, 5.4374
Hunter-Lab	40.0398, 10.3600, -16.6333

Details

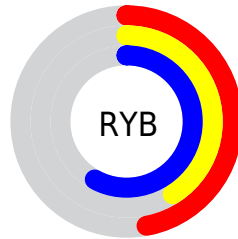
The HunterLab color $40.0398, 10.3600, -16.6333$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $52.0435, -13.5455, 16.9107$, and the grayscale version is $40.8831, -2.1814, 2.2213$.

A 20% lighter version of the original color is $60.4907, 11.0418, -17.3007$, and $22.6471, 9.3871, -15.4882$ is the 20% darker color. If you saturate the color by 10%, you get $35.5938, 15.1303, -24.4719$, and if you desaturate by 10%, it is $44.7046, 5.7610, -9.5107$.

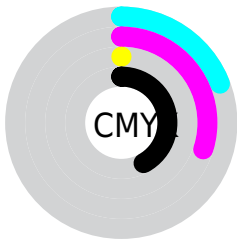
Distribution



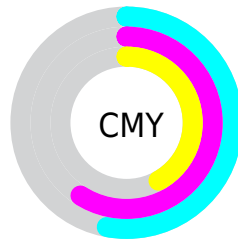
- Red (47%)
- Green (41%)
- Blue (58%)



- Red (47%)
- Yellow (41%)
- Blue (58%)



- Cyan (19%)
- Magenta (30%)
- Yellow (0%)
- Black (42%)



- Cyan (53%)
- Magenta (59%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0398, 10.3600, -16.6333 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 40.0398, 10.3600, -16.6333 by changing the saturation by 10% instead.

40.0398, 10.3600,
-16.6333

40.0398, 10.3600,
-16.6333

151.5036, 10.7396,
-17.9584

30.8985, 9.9364,
-16.1875

60.5431, 10.9157,
-17.3384

22.5827, 9.3947,
-15.6999

71.8054, 11.0725,
-17.5960

15.1852, 8.7101,
-15.2244

83.6907, 11.1596,
-17.7924

8.8138, 7.9600,
-15.0323

96.1677, 11.1836,
-17.9306

0.0000, INF, -NF

0.0000, NaN, NaN

109.2097, 11.1496,
-18.0135

0.0000, NaN, NaN

122.7932, 11.0619,

0.0000, NaN, NaN

-18.0440

0.0000, NaN, NaN

136.8973, 10.9242,
-18.0248

■ 40.0398, 10.3600,
-16.6333

■ 40.0398, 10.3600,
-16.6333

■ 35.5938, 15.1303,
-24.4719

■ 44.7046, 5.7610,
-9.5107

■ 31.4100, 20.0835,
-33.1797

■ 49.5518, 1.3105,
-2.9669

■ 27.5511, 25.1835,
-42.8755

■ 54.5568, -3.0200,
3.1168

■ 24.1008, 30.2918,
-53.5440

■ 59.7000, -7.2557,
8.8349

■ 21.1654, 35.0719,
-64.8279

■ 64.9660, -11.4185,
14.2624

■ 18.8641, 38.9067,
-75.7534

■ 70.3427, -15.5261,
19.4580

■ 17.1265, 41.6827,
-85.7097

■ 75.8202, -19.5932,
24.4680

■ 17.0803, 41.7684,
-85.9990

■ 81.3903, -23.6314,
29.3290

■ 87.0462, -27.6501,
34.0699

Harmonies

Analogous

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



40.0406, -0.0469, -21.9194



40.0398, 10.3600, -16.6333



40.0406, 17.9369, -6.4491

Triad

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



40.0406, 10.3593, -16.6323



40.0406, 6.4119, 16.0122



40.0406, -20.2533, 0.1594

Complementary

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



40.0398, 10.3600, -16.6333



52.0435, -13.5455, 16.9107

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.



40.0406, -18.9024, 9.2331



40.0398, 10.3600, -16.6333



40.0406, -4.1882, 16.9278

Square

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



40.0406, 10.3593, -16.6323



40.0406, 15.4990, 11.8590



40.0406, -13.2697, 14.7911



40.0406, -17.1691, -10.7504

Rectangle

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



40.0398, 10.3600, -16.6333



40.0406, 19.9749, 0.7886



40.0406, -13.2697, 14.7911



40.0406, -20.2984, 3.5222

Sweetspot

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



40.0406, 10.3593, -16.6323



66.1801, 1.4213, -3.4831



46.6342, -7.4005, -7.0145



31.2007, 1.0522, -2.2001



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.0406, 10.3593, -16.6323



49.0240, 18.1650, -29.2602



42.1156, 16.7809, -13.1973



23.9364, 0.5190, -1.2669



15.8311, 38.6470, -79.1940



2.1514, 4.7234, -6.6635

Inverse Universe

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



42.2648, 16.1146, -4.2987



52.8085, 27.4454, -7.5992



50.5306, -19.2106, 15.4325



24.2358, 1.3857, 0.2672



24.6499, 45.0470, -6.0354



2.8292, 5.3479, -2.0692

Previews

White Background



This preview shows how the HunterLab color 40.0398, 10.3600, -16.6333 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 40.0398, 10.3600, -16.6333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

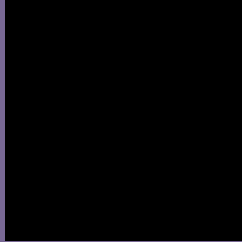
Any Text WCAG AA × Fail

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 40.0398, 10.3600, -16.6333 Background



This preview shows how black text looks on a background with the HunterLab color 40.0398, 10.3600, -16.6333.



This preview shows how white text looks on a background with the HunterLab color 40.0398, 10.3600, -16.6333.

-16.6333.

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

40.0398, 10.3600, -16.6333

Protanopia

40.1303, 3.0364, -19.7442

Deuteranopia

40.1771, 2.7119, -15.9309



Tritanopia

40.1307, 0.5660, -0.5841

Trichromacy



Original Color

40.0398, 10.3600, -16.6333

Protanomaly

40.1065, 5.5277, -18.4721

Deuteranomaly

40.1035, 5.1993, -16.0074

Tritanomaly

40.1148, 3.9364, -5.9090

Monochromacy



Original Color

40.0398, 10.3600, -16.6333

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

40.4614, 2.1796, -3.9538

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0398, 10.3600, -16.6333 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(120, 104, 148)` looks like.

```
.text, #text, p{  
    color:rgb(120, 104, 148)  
}
```

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(120, 104, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 104, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0398, 10.3600, -16.6333 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(120, 104, 148) }
```


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

```
.border{ border-color:rgb(120, 104, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 104, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 104, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 104, 148);  
box-shadow:4px 4px 4px 4px rgb(120, 104,  
148) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.0398, 10.3600, -16.6333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 104, 148) }
```

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

```
.background{ background-color: rgb(120,  
104, 148) }
```

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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