

Converting Colors

HunterLab(39.9691, -4.7250,
-38.0388)

Have a look what the booklet for
HunterLab(39.9691, -4.7250,
-38.0388) contains.

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Color

**HunterLab(40.0701, -4.9578,
-37.7182)**

Conversions

Conversions Part 1

Format	Color
Hex	1175B2
RGB	17, 117, 178
RGB Percent	7%, 46%, 70%
CMY	0.9332, 0.5412, 0.3020
CMYK	0.90, 0.34, 0.00, 0.30
HSL	203°, 83%, 38%
HSV	203°, 90%, 70%
XYZ	14.6284, 16.0561, 44.4476
YIQ	94.0540, -79.1810, -2.2290

Conversions

Conversions Part 2

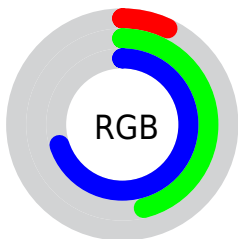
Format	Color
RYB	17, 79, 178
Decimal	1144242
CIELab	47.05, -3.81, -39.66
CIElCh	47, 39.841, 264.517
Yxy	16.0566, 0.1947, 0.2137
Android (android.graphics.Color)	4279334322 (0xFF1175B2)
YUV	94.0540, 41.3854, -67.5764
Hunter-Lab	40.0701, -4.9578, -37.7182

Details

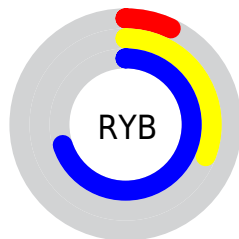
The HunterLab color **40.0701, -4.9578, -37.7182** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **38.6753, 30.1069, 23.5441**, and the grayscale version is **33.3516, -1.7796, 1.8121**.

A 20% lighter version of the original color is **60.6212, -6.6846, -38.8950**, and **23.9519, 1.5305, -33.2417** is the 20% darker color. If you saturate the color by 10%, you get **38.0596, -2.4851, -42.2065**, and if you desaturate by 10%, it is **42.3325, -7.0418, -33.0303**.

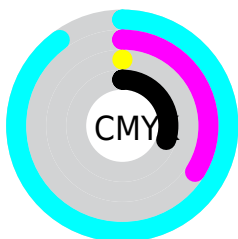
Distribution



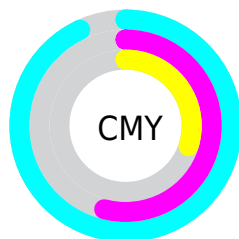
- Red (7%)
- Green (46%)
- Blue (70%)



- Red (7%)
- Yellow (31%)
- Blue (70%)



- Cyan (90%)
- Magenta (34%)
- Yellow (0%)
- Black (30%)



- Cyan (93%)
- Magenta (54%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0701, -4.9578, -37.7182 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 40.0701, -4.9578, -37.7182 by changing the saturation by 10% instead.

■ 40.0701, -4.9578,
-37.7182

■ 40.0701, -4.9578,
-37.7182

151.5506,
-12.5198, -42.8250

■ 30.9261, -4.2289,
-37.1759

■ 60.5776, -6.4795,
-39.0283

■ 22.6075, -3.5200,
-36.8918

■ 71.8420, -7.2749,
-39.6883

■ 15.2070, -2.8258,
-37.2480

■ 83.7292, -8.0931,
-40.3198

■ 8.8337, -2.3496,
-39.5402

■ 96.2081, -8.9341,
-40.9125

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 109.2518, -9.7977,
-41.4612

0.0000, NaN, -NF

■ 122.8370,

0.0000, NaN, NaN

-10.6833, -41.9633

0.0000, NaN, NaN

136.9427,
-11.5909, -42.4179

■ 40.0701, -4.9578,
-37.7182

■ 40.0701, -4.9578,
-37.7182

■ 38.0596, -2.4851,
-42.2065

■ 42.3325, -7.0418,
-33.0303

■ 44.7855, -8.4955,
-28.3131

■ 47.4246, -9.3274,
-23.5985

■ 50.2404, -9.5710,
-18.9164

■ 53.2216, -9.2721,
-14.2899

■ 56.3562, -8.4814,
-9.7345

■ 59.6327, -7.2499,
-5.2593

■ 63.0398, -5.6258,
-0.8681

■ 66.5674, -3.6534,
3.4394

Harmonies

Analogous

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



40.0707, -18.0608, -28.5796



40.0701, -4.9578, -37.7182



40.0707, 11.0374, -33.2860

Triad

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



40.0707, -4.9572, -37.7173



40.0707, 28.8538, 12.2800



40.0707, -23.6966, 15.4278

Complementary

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



40.0701, -4.9578, -37.7182



38.6753, 30.1069, 23.5441

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.



40.0707, -13.8082, 20.3893



40.0701, -4.9578, -37.7182



40.0707, 16.7342, 19.1174

Square

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



40.0707, -4.9572, -37.7173



40.0707, 32.1776, -0.6327



40.0707, 0.7568, 21.4207



40.0707, -27.7712, 4.8047

Rectangle

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



40.0701, -4.9578, -37.7182



40.0707, 21.0520, -23.8616



40.0707, 0.7568, 21.4207



40.0707, -21.0228, 17.6237

Sweetspot

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



40.0707, -4.9572, -37.7173



77.1818, -10.9880, -11.3083



56.9938, -45.0610, 27.2082



35.6403, -5.4015, -6.2844



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



40.0707, -4.9572, -37.7173



50.8049, -2.6053, -57.8777



21.7977, 35.3608, -100.5156



30.1325, -2.5762, -0.1827



32.3859, -2.4183, -35.2591



6.6192, -1.7731, -4.4459

Inverse Universe

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



33.3933, 57.9419, -8.2907



43.7966, 79.6088, -7.4029



57.8474, -7.3028, 34.9729



29.3105, 1.7551, 0.3389



27.5662, 50.2066, -5.4325



5.0001, 9.3013, -2.4936

Previews

White Background



This preview shows how the HunterLab color 40.0701, -4.9578, -37.7182 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 40.0701, -4.9578, -37.7182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

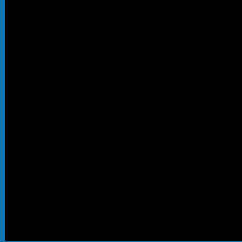
Any Text WCAG AA × Fail

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 40.0701, -4.9578, -37.7182 Background



This preview shows how black text looks on a background with the HunterLab color 40.0701, -4.9578, -37.7182.



This preview shows how white text looks on a background with the HunterLab color 40.0701, -4.9578, -37.7182.

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

40.0701, -4.9578, -37.7182

Protanopia

40.0017, 5.5846, -32.3591

Deuteranopia

39.9069, 3.2810, -38.7142



Tritanopia

39.7893, -19.1720, -8.3463

Trichromacy



Original Color

40.0701, -4.9578, -37.7182

Protanomaly

39.6246, 0.4091, -35.4945

Deuteranomaly

39.7099, -0.2360, -39.2117

Tritanomaly

39.8540, -14.4875, -17.9962

Monochromacy



Original Color

40.0701, -4.9578, -37.7182

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

34.8449, -6.1666, -11.6501

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0701, -4.9578, -37.7182 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(17, 117, 178)` looks like.

```
.text, #text, p{  
    color:rgb(17, 117, 178)  
}
```

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(17, 117, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 117, 178) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0701, -4.9578, -37.7182 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(17, 117, 178) }
```


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

```
.border{ border-color:rgb(17, 117, 178) }
```

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

Here you see how a box with a 4 pixel rgb(17, 117, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 117, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 117, 178);  
box-shadow:4px 4px 4px 4px rgb(17, 117,  
178) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.0701, -4.9578, -37.7182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 117, 178) }
```

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

```
.background{ background-color: rgb(17, 117,  
178) }
```

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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