

Converting Colors

HunterLab(40.4963, 0.7697,
-51.3329)

Have a look what the booklet for
HunterLab(40.4963, 0.7697,
-51.3329) contains.

HunterLab(40.3957, 1.0357, -51.7418)	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(40.3957, 1.0357,
-51.7418)**

Conversions

Conversions Part 1

Format	Color
Hex	0B73C4
RGB	11, 115, 196
RGB Percent	4%, 45%, 77%
CMY	0.9567, 0.5490, 0.2314
CMYK	0.94, 0.41, 0.00, 0.23
HSL	206°, 89%, 41%
HSV	206°, 94%, 77%
XYZ	16.2325, 16.3181, 54.5187
YIQ	93.1380, -87.9850, 3.1430

Conversions

Conversions Part 2

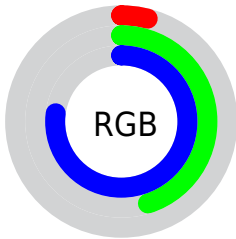
Format	Color
R_YB	11, 78, 196
Decimal	750532
CIE _{Lab}	47.39, 4.18, -49.52
CIE _{LCh}	47, 49.699, 274.825
Yxy	16.3186, 0.1864, 0.1874
Android (android.graphics.Color)	4278940612 (0xFF0B73C4)
YUV	93.1380, 50.7110, -72.0350
Hunter-Lab	40.3957, 1.0357, -51.7418

Details

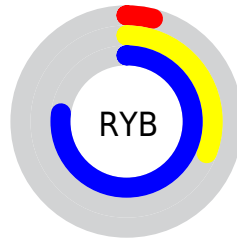
The HunterLab color **40.3957, 1.0357, -51.7418** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **44.0696, 30.8474, 27.2679**, and the grayscale version is **32.9821, -1.7598, 1.7920**.

A 20% lighter version of the original color is **60.7955, 0.4892, -53.1568**, and **24.6723, 7.1026, -46.1708** is the 20% darker color. If you saturate the color by 10%, you get **38.9529, 3.1252, -55.4340**, and if you desaturate by 10%, it is **43.1075, -2.2543, -45.3068**.

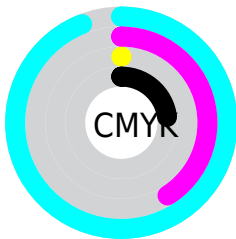
Distribution



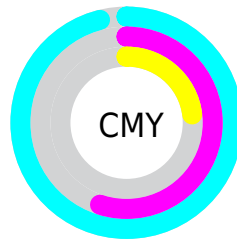
- Red (4%)
- Green (45%)
- Blue (77%)



- Red (4%)
- Yellow (31%)
- Blue (77%)



- Cyan (94%)
- Magenta (41%)
- Yellow (0%)
- Black (23%)



- Cyan (96%)
- Magenta (55%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3957, 1.0357, -51.7418 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 40.3957, 1.0357, -51.7418 by changing the saturation by 10% instead.

40.3957, 1.0357,
-51.7418

40.3957, 1.0357,
-51.7418

152.0574, -3.1969,
-57.8392

31.2248, 1.2721,
-51.4763

60.9512, 0.3948,
-52.9553

22.8767, 1.4394,
-51.7840

72.2374, -0.0001,
-53.6876

15.4430, 1.5253,
-53.3673

84.1452, -0.4389,
-54.4363

9.0448, 1.5421,
-58.3837

96.6437, -0.9183,
-55.1768

0.0000, NaN, -NF

0.0000, NaN, -NF

109.7063, -1.4359,
-55.8946

0.0000, NaN, -NF

123.3096, -1.9894,

0.0000, NaN, NaN

-56.5808

0.0000, NaN, NaN

137.4327, -2.5770,
-57.2300

■ 40.3957, 1.0357,
-51.7418

■ 40.3957, 1.0357,
-51.7418

■ 38.9529, 3.1252,
-55.4340

■ 43.1075, -2.2543,
-45.3068

■ 46.0628, -4.7921,
-38.9218

■ 49.2526, -6.5820,
-32.6342

■ 52.6613, -7.6668,
-26.4832

■ 56.2717, -8.1073,
-20.4937

■ 60.0664, -7.9704,
-14.6768

■ 64.0288, -7.3219,
-9.0336

■ 68.1442, -6.2230,
-3.5580

■ 72.3989, -4.7286,
1.7602

Harmonies

Analogous

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



40.3963, -16.8671, -45.0663



40.3957, 1.0357, -51.7418



40.3963, 21.4952, -39.2639

Triad

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



40.3963, 1.0366, -51.7408



40.3963, 33.3551, 17.6963



40.3963, -30.7380, 14.5938

Complementary

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



40.3957, 1.0357, -51.7418



44.0696, 30.8474, 27.2679

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.



40.3963, -21.3734, 21.8582



40.3957, 1.0357, -51.7418



40.3963, 15.0137, 22.9633

Square

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



40.3963, 1.0366, -51.7408



40.3963, 42.2710, 5.0784



40.3963, -5.2556, 24.0121



40.3963, -33.0774, -0.9096

Rectangle

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



40.3957, 1.0357, -51.7418



40.3963, 33.1823, -24.1332



40.3963, -5.2556, 24.0121



40.3963, -28.4074, 17.7935

Sweetspot

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



40.3963, 1.0366, -51.7408



83.9811, -10.2879, -15.2237



63.4903, -49.8882, 28.9662



37.7775, -4.9205, -8.5892

0.0000, NaN, NaN



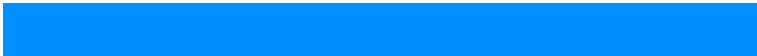
46.2646, -2.4686, 2.5136

Same Dimension

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



40.3963, 1.0366, -51.7408



51.9264, 5.1115, -75.9377



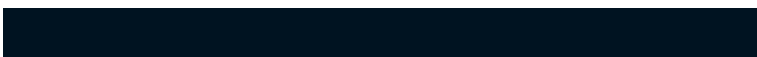
21.6439, 48.0270, -128.8841



32.6590, -2.5664, -0.4074



31.5013, 2.0097, -43.7122



7.5104, -1.1805, -6.8388

Inverse Universe

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



36.3510, 63.9586, -2.9363



48.2215, 86.7139, -0.8798



67.7526, -13.4529, 41.2352



31.8913, 1.8682, 0.5790



28.7819, 51.8722, -1.4190



6.0958, 11.1901, -1.8815

Previews

White Background



This preview shows how the HunterLab color 40.3957, 1.0357, -51.7418 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 40.3957, 1.0357, -51.7418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

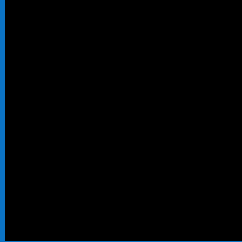
Any Text WCAG AA × Fail

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 40.3957, 1.0357, -51.7418 Background



This preview shows how black text looks on a background with the HunterLab color 40.3957, 1.0357, -51.7418.



This preview shows how white text looks on a background with the HunterLab color 40.3957, 1.0357, -51.7418.

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

40.3957, 1.0357, -51.7418

Protanopia

40.2899, 8.4576, -46.7140

Deuteranopia

40.3074, 3.6122, -51.9189



Tritanopia

40.1357, -19.3534, -8.3877

Trichromacy



Original Color

40.3957, 1.0357, -51.7418

Protanomaly

39.9143, 4.6864, -49.4002

Deuteranomaly

40.3502, 2.3256, -51.8338

Tritanomaly

40.1259, -12.8871, -21.9744

Monochromacy



Original Color

40.3957, 1.0357, -51.7418

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

34.6061, -5.2002, -14.9499

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3957, 1.0357, -51.7418 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(11, 115, 196)` looks like.

```
.text, #text, p{  
    color:rgb(11, 115, 196)  
}
```

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(11, 115, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 115, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3957, 1.0357, -51.7418 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(11, 115, 196) }
```


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

```
.border{ border-color:rgb(11, 115, 196) }
```

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

Here you see how a box with a 4 pixel rgb(11, 115, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 115, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 115, 196);  
box-shadow:4px 4px 4px 4px rgb(11, 115,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.3957, 1.0357, -51.7418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 115, 196) }
```

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

```
.background{ background-color: rgb(11, 115,  
196) }
```

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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