

Converting Colors

HunterLab(40.9810, 9.7678,
-51.1882)

Have a look what the booklet for
HunterLab(40.9810, 9.7678,
-51.1882) contains.

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Color

**HunterLab(40.8896, 9.7904,
-51.2266)**

Conversions

Conversions Part 1

Format	Color
Hex	4C6EC5
RGB	76, 110, 197
RGB Percent	30%, 43%, 77%
CMY	0.7019, 0.5686, 0.2274
CMYK	0.61, 0.44, 0.00, 0.23
HSL	223°, 51%, 54%
HSV	223°, 61%, 77%
XYZ	18.6345, 16.7196, 55.0684
YIQ	109.7520, -48.1910, 19.8490

Conversions

Conversions Part 2

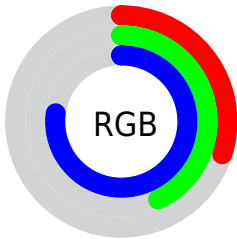
Format	Color
R_{YB}	76, 103, 197
Decimal	5009093
CIE _{Lab}	47.91, 15.02, -49.17
CIE _{LCh}	48, 51.408, 286.983
Yxy	16.7201, 0.2061, 0.1849
Android (android.graphics.Color)	4283199173 (0xFF4C6EC5)
YUV	109.7520, 43.0133, -29.6005
Hunter-Lab	40.8896, 9.7904, -51.2266

Details

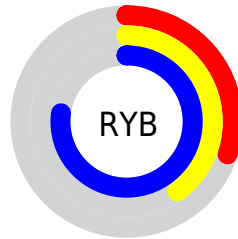
The HunterLab color **40.8896, 9.7904, -51.2266** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **62.1199, -1.1581, 31.7306**, and the grayscale version is **39.2480, -2.0942, 2.1324**.

A 20% lighter version of the original color is **61.4788, 10.3672, -52.3632**, and **23.5333, 9.9048, -50.7962** is the 20% darker color. If you saturate the color by 10%, you get **36.3548, 14.4183, -63.4946**, and if you desaturate by 10%, it is **45.7812, 6.0491, -40.0946**.

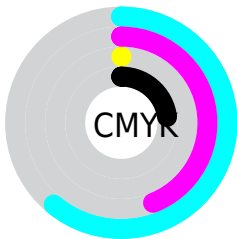
Distribution



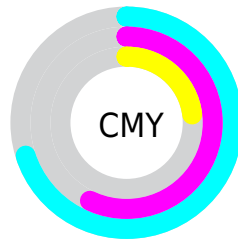
- Red (30%)
- Green (43%)
- Blue (77%)



- Red (30%)
- Yellow (40%)
- Blue (77%)



- Cyan (61%)
- Magenta (44%)
- Yellow (0%)
- Black (23%)



- Cyan (70%)
- Magenta (57%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.8896, 9.7904, -51.2266 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 40.8896, 9.7904, -51.2266 by changing the saturation by 10% instead.

■ 40.8896, 9.7904,
-51.2266

■ 40.8896, 9.7904,
-51.2266

■ 152.8249, 9.8455,
-57.3092

■ 31.6783, 9.4158,
-50.9270

■ 61.5174, 10.2615,
-52.4630

■ 23.2858, 8.9260,
-51.1653

■ 72.8365, 10.3791,
-53.1963

■ 15.8022, 8.2980,
-52.5967

■ 84.7755, 10.4291,
-53.9423

■ 9.3551, 7.5005,
-57.1381

■ 97.3038, 10.4176,
-54.6779

0.0000, INF, -NF

0.0000, NaN, -NF

■ 110.3948, 10.3497,
-55.3892

0.0000, NaN, -NF

■ 124.0253, 10.2294,

0.0000, NaN, NaN

-56.0678

0.0000, NaN, NaN

138.1748, 10.0604,
-56.7088

■ 40.8896, 9.7904,
-51.2266

■ 40.8896, 9.7904,
-51.2266

■ 36.3548, 14.4183,
-63.4946

■ 45.7812, 6.0491,
-40.0946

■ 32.2528, 20.0408,
-76.8806

■ 50.9666, 3.0521,
-29.9917

■ 28.6780, 26.6521,
-91.0719

■ 56.3994, 0.6668,
-20.7663

■ 26.0710, 32.8455,
-103.4906

■ 62.0438, -1.2201,
-12.2695

■ 67.8716, -2.7006,
-4.3699

■ 73.8610, -3.8478,
3.0426

■ 79.9946, -4.7197,
10.0580

■ 86.2582, -5.3621,
16.7494

■ 92.6404, -5.8116,
23.1755

Harmonies

Analogous

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



40.8903, -10.5699, -52.6179



40.8896, 9.7904, -51.2266



40.8903, 30.2665, -31.8558

Triad

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



40.8903, 9.7910, -51.2255



40.8903, 27.8310, 21.0731



40.8903, -33.5633, 9.7040

Complementary

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



40.8896, 9.7904, -51.2266



62.1199, -1.1581, 31.7306

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.



40.8903, -26.8842, 20.2606



40.8896, 9.7904, -51.2266



40.8903, 6.9374, 24.3402

Square

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



40.8903, 9.7910, -51.2255



40.8903, 41.9885, 11.6142



40.8903, -12.9221, 24.1402



40.8903, -33.0956, -10.1043

Rectangle

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



40.8896, 9.7904, -51.2266



40.8903, 40.0576, -15.0170



40.8903, -12.9221, 24.1402



40.8903, -32.1442, 14.1974

Sweetspot

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



40.8903, 9.7910, -51.2255



85.4578, -2.3089, -13.0198



66.4107, -36.8392, 9.4598



38.4811, -0.7748, -7.5019

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.8903, 9.7910, -51.2255



46.5382, 21.9329, -91.4703



34.6969, 32.7448, -68.3117



32.8095, -1.4052, -1.3436



21.4337, 25.7843, -82.4511



5.8591, 2.6256, -12.9914

Inverse Universe

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



42.6216, 44.4590, 6.5201



51.5084, 71.1935, 12.7809



70.0632, -25.7497, 36.9347



32.6881, 1.5220, 1.6791



28.2909, 49.1422, 12.9079



6.2584, 11.0689, 1.3214

Previews

White Background



This preview shows how the HunterLab color 40.8896, 9.7904, -51.2266 looks on a white background.

Color Contrast Check

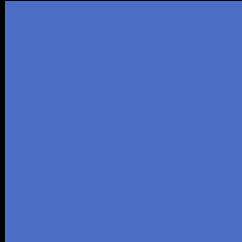
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.8896, 9.7904, -51.2266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

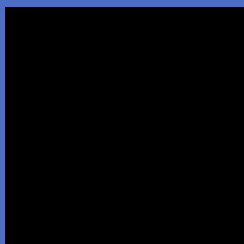
Any Text WCAG AA × Fail

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 40.8896, 9.7904, -51.2266 Background



This preview shows how black text looks on a background with the HunterLab color 40.8896, 9.7904, -51.2266.



This preview shows how white text looks on a background with the HunterLab color 40.8896, 9.7904, -51.2266.

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

40.8896, 9.7904, -51.2266

Protanopia

40.7908, 9.4755, -51.4784

Deuteranopia

41.0796, 3.3414, -50.0038



Tritanopia

40.8588, -16.4882, -7.8400

Trichromacy



Original Color

40.8896, 9.7904, -51.2266

Protanomaly

40.8399, 9.6319, -51.3533

Deuteranomaly

40.8599, 5.4428, -50.5078

Tritanomaly

40.5817, -8.0594, -21.7384

Monochromacy



Original Color

40.8896, 9.7904, -51.2266

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

39.6251, 0.4584, -13.8665

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.8896, 9.7904, -51.2266 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(76, 110, 197)` looks like.

```
.text, #text, p{  
    color:rgb(76, 110, 197)  
}
```

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(76, 110, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 110, 197) }
```

Border

The CSS property to change the border of an element to HunterLab 40.8896, 9.7904, -51.2266 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(76, 110, 197) }
```


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

```
.border{ border-color:rgb(76, 110, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 110, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 110, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 110, 197);  
box-shadow:4px 4px 4px 4px rgb(76, 110,  
197) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.8896, 9.7904, -51.2266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 110, 197) }
```

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

```
.background{ background-color: rgb(76, 110,  
197) }
```

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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