

Converting Colors

HunterLab(49.1876, -1.9727,
-37.8295)

Have a look what the booklet for
HunterLab(49.1876, -1.9727,
-37.8295) contains.

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Color

**HunterLab(49.1876, -1.9727,
-37.8295)**

Conversions

Conversions Part 1

Format	Color
Hex	508ACB
RGB	80, 138, 203
RGB Percent	31%, 54%, 80%
CMY	0.6863, 0.4588, 0.2039
CMYK	0.61, 0.32, 0.00, 0.20
HSL	212°, 54%, 55%
HSV	212°, 61%, 80%
XYZ	23.1762, 24.1942, 59.9483
YIQ	128.0680, -55.4330, 7.9190

Conversions

Conversions Part 2

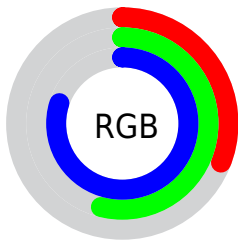
Format	Color
R_{YB}	80, 119, 203
Decimal	5278411
CIE Lab	56.28, 0.81, -39.30
CIE LCh	56, 39.305, 271.185
Yxy	24.1950, 0.2160, 0.2254
Android (android.graphics.Color)	4283468491 (0xFF508ACB)
YUV	128.0680, 36.9415, -42.1556
Hunter-Lab	49.1876, -1.9727, -37.8295

Details

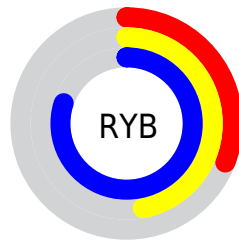
The HunterLab color $49.1876, -1.9727, -37.8295$ is a dark color, and the websafe version is hex $6699CC$. The color can be described as middle muted azure. A complement of this color would be $57.9036, 10.2726, 28.0874$, and the grayscale version is $46.3638, -2.4739, 2.5190$.

A 20% lighter version of the original color is $70.6899, -4.1980, -35.8655$, and $30.4678, -1.0732, -35.7654$ is the 20% darker color. If you saturate the color by 10%, you get $45.2912, 0.5495, -46.0459$, and if you desaturate by 10%, it is $53.3368, -3.7366, -30.0062$.

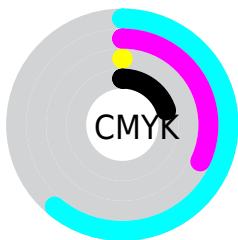
Distribution



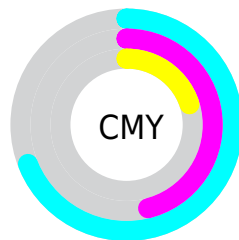
- Red (31%)
- Green (54%)
- Blue (80%)



- Red (31%)
- Yellow (47%)
- Blue (80%)



- Cyan (61%)
- Magenta (32%)
- Yellow (0%)
- Black (20%)



- Cyan (69%)
- Magenta (46%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.1876, -1.9727, -37.8295 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 49.1876, -1.9727, -37.8295 by changing the saturation by 10% instead.

■ 49.1876, -1.9727,
-37.8295

■ 49.1876, -1.9727,
-37.8295

165.4706, -7.8582,
-42.6192

■ 39.3425, -1.4932,
-37.1904

■ 70.9565, -3.0504,
-39.1513

■ 30.2585, -1.0587,
-36.6554

■ 82.7971, -3.6439,
-39.7795

■ 22.0067, -0.6736,
-36.3858

■ 95.2317, -4.2710,
-40.3686

■ 14.6813, -0.3451,
-36.7840

■ 108.2330, -4.9300,
-40.9133

■ 8.3398, -0.0208,
-39.5786

121.7774, -5.6195,
-41.4112

0.0000, NaN, -NF

0.0000, NaN, -NF

135.8440, -6.3380,

-41.8614

0.0000, NaN, NaN

150.4140, -7.0846,
-42.2638

0.0000, NaN, NaN

■ 49.1876, -1.9727,
-37.8295

■ 49.1876, -1.9727,
-37.8295

■ 45.2912, 0.5495,
-46.0459

■ 53.3368, -3.7366,
-30.0062

■ 41.6751, 3.9091,
-54.6332

■ 57.7082, -4.8337,
-22.5741

■ 38.3691, 8.1518,
-63.5218

■ 62.2780, -5.3518,
-15.5079

■ 35.5341, 12.8492,
-72.1522

■ 67.0247, -5.3708,
-8.7740

■ 71.9299, -4.9603,
-2.3359

■ 76.9780, -4.1798,
3.8426

■ 82.1559, -3.0791,
9.7952

■ 87.4522, -1.7004,
15.5522

■ 92.0507, -2.8535,
20.2792

Harmonies

Analogous

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



49.1884, -16.9433, -31.5919



49.1876, -1.9727, -37.8295



49.1884, 14.8186, -30.5849

Triad

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



49.1884, -1.9724, -37.8284



49.1884, 27.4140, 15.8324



49.1884, -27.3543, 15.0689

Complementary

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



49.1876, -1.9727, -37.8295



57.9036, 10.2726, 28.0874

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.



49.1884, -17.9364, 22.0695



49.1876, -1.9727, -37.8295



49.1884, 13.5402, 22.3978

Square

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



49.1884, -1.9724, -37.8284



49.1884, 33.1002, 3.2947



49.1884, -3.2786, 24.2398



49.1884, -30.3891, 2.0521

Rectangle

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



49.1876, -1.9727, -37.8295



49.1884, 24.4804, -20.1233



49.1884, -3.2786, 24.2398



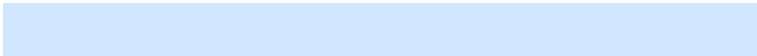
49.1884, -24.8968, 18.0323

Sweetspot

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



49.1884, -1.9724, -37.8284



88.2032, -6.8721, -9.3650



68.1307, -41.5079, 18.4489



39.9520, -3.2223, -5.4897

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.1884, -1.9724, -37.8284



56.9799, 2.0577, -63.2967



34.4186, 28.6230, -75.6187



34.2078, -2.3045, -0.7490



28.6618, 9.6008, -56.5501



7.5851, 0.1584, -9.8227

Inverse Universe

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



45.0221, 48.4214, -3.0755



52.8388, 74.4584, -1.7424



74.6339, -18.4913, 39.6353



33.6159, 1.8593, 0.9677



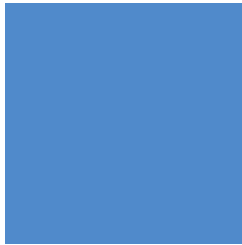
29.3808, 52.1952, 4.4137



6.7870, 12.2681, -0.6159

Previews

White Background



This preview shows how the HunterLab color 49.1876, -1.9727, -37.8295 looks on a white 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

Black Background



This preview shows how the HunterLab color 49.1876, -1.9727, -37.8295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

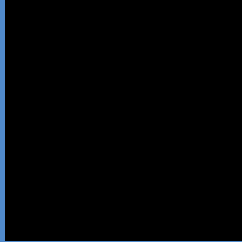
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 49.1876, -1.9727, -37.8295 Background



This preview shows how black text looks on a background with the HunterLab color 49.1876, -1.9727, -37.8295.

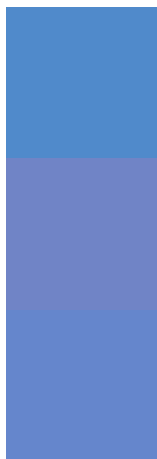


This preview shows how white text looks on a background with the HunterLab color 49.1876, -1.9727, -37.8295.

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

49.1876, -1.9727, -37.8295

Protanopia

49.0148, 5.7284, -34.3231

Deuteranopia

49.1696, 3.9517, -38.5176



Tritanopia

49.3268, -19.1757, -9.3669

Trichromacy



Original Color

49.1876, -1.9727, -37.8295

Protanomaly

48.9179, 2.7204, -36.0390

Deuteranomaly

49.0048, 1.9429, -38.8860

Tritanomaly

49.2290, -13.5388, -18.7485

Monochromacy



Original Color

49.1876, -1.9727, -37.8295

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

47.1684, -4.1217, -9.9867

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.1876, -1.9727, -37.8295 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(80, 138, 203)` looks like.

```
.text, #text, p{  
    color:rgb(80, 138, 203)  
}
```

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(80, 138, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 138, 203) }
```

Border

The CSS property to change the border of an element to HunterLab 49.1876, -1.9727, -37.8295 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(80, 138, 203) }
```


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

```
.border{ border-color:rgb(80, 138, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 138, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 138, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 138, 203);  
box-shadow:4px 4px 4px 4px rgb(80, 138,  
203) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.1876, -1.9727, -37.8295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 138, 203) }
```

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

```
.background{ background-color: rgb(80, 138,  
203) }
```

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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