

Converting Colors

HunterLab(72.3876, -19.0774,
-9.4969)

Have a look what the booklet for
HunterLab(72.3876, -19.0774,
-9.4969) contains.

HunterLab(72.3890, -19.0798, -9.4951)	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(72.3890,
-19.0798, -9.4951)**

Conversions

Conversions Part 1

Format	Color
Hex	87CAD9
RGB	135, 202, 217
RGB Percent	53%, 79%, 85%
CMY	0.4706, 0.2078, 0.1490
CMYK	0.38, 0.07, 0.00, 0.15
HSL	191°, 52%, 69%
HSV	191°, 38%, 85%
XYZ	43.6366, 52.4017, 73.4602
YIQ	183.6770, -44.7470, -9.5390

Conversions

Conversions Part 2

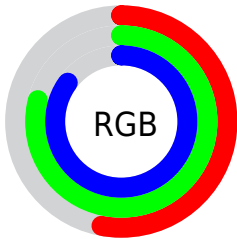
Format	Color
RYB	135, 172, 217
Decimal	8899289
CIELab	77.52, -17.38, -14.17
CIELCh	78, 22.427, 219.183
Yxy	52.4037, 0.2574, 0.3092
Android (android.graphics.Color)	4287089369 (0xFF87CAD9)
YUV	183.6770, 16.4282, -42.6897
Hunter-Lab	72.3890, -19.0798, -9.4951

Details

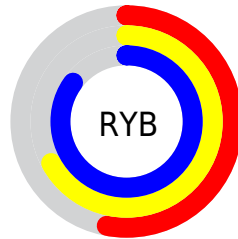
The HunterLab color **72.3890, -19.0798, -9.4951** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.8986, 18.2614, 16.5044**, and the grayscale version is **69.0456, -3.6841, 3.7514**.

A 20% lighter version of the original color is **94.7715, -24.0321, -1.2105**, and **50.4915, -16.1712, -9.3094** is the 20% darker color. If you saturate the color by 10%, you get **69.9604, -21.4557, -12.9004**, and if you desaturate by 10%, it is **75.0184, -16.0324, -5.9378**.

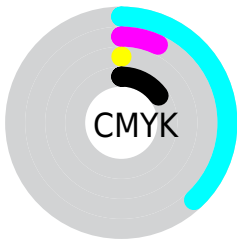
Distribution



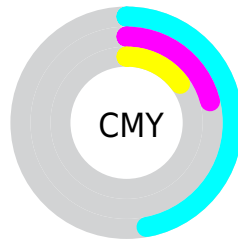
- Red (53%)
- Green (79%)
- Blue (85%)



- Red (53%)
- Yellow (67%)
- Blue (85%)



- Cyan (38%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (47%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.3890, -19.0798, -9.4951 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 72.3890, -19.0798, -9.4951 by changing the saturation by 10% instead.

■ 72.3890, -19.0798,
-9.4951

■ 72.3890, -19.0798,
-9.4951

198.9958,
-32.4014, -7.2108

■ 61.0958, -17.5656,
-9.5003

■ 96.8124, -22.0624,
-9.3102

■ 50.4587, -16.0247,
-9.4434

■ 109.8822,
-23.5401, -9.1405

■ 40.5224, -14.4457,
-9.3180

■ 123.4925,
-25.0139, -8.9234

■ 31.3406, -12.8112,
-9.1185

137.6224,
-26.4864, -8.6615

■ 22.9811, -11.0934,
-8.8404

152.2535,
-27.9599, -8.3573

■ 15.5346, -9.2440,
-8.4864

167.3693,

■ 9.1252, -8.7887,

-29.4360, -8.0129

-8.1048

182.9546,
-30.9162, -7.6302

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 72.3890, -19.0798,
-9.4951

■ 72.3890, -19.0798,
-9.4951

■ 69.9604, -21.4557,
-12.9004

■ 75.0184, -16.0324,
-5.9378

■ 67.7329, -23.1197,
-16.1317

■ 77.8377, -12.3591,
-2.2570

■ 65.7092, -24.0485,
-19.1647

■ 80.8402, -8.1131,
1.5247

■ 63.8863, -24.2397,
-21.9814

■ 84.0172, -3.3480,
5.3864

■ 62.2550, -23.7208,

■ 87.3594, 1.8837,

-24.5740

9.3097

■ 60.7922, -22.5784,
-26.9597

■ 89.7572, 3.8333,
12.0116

■ 60.4789, -22.2883,
-27.4793

■ 90.9642, 1.7261,
13.2939

■ 92.1827, -0.3726,
14.5736

■ 93.4124, -2.4628,
15.8506

Harmonies

Analogous

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



72.3904, -23.0115, 0.7590



72.3890, -19.0798, -9.4951



72.3904, -11.0084, -16.7589

Triad

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



72.3904, -19.0805, -9.4939



72.3904, 16.3079, -3.3379



72.3904, -7.1088, 20.6683

Complementary

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



72.3890, -19.0798, -9.4951



61.8986, 18.2614, 16.5044

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.



72.3904, 3.5636, 19.9004



72.3890, -19.0798, -9.4951



72.3904, 17.5015, 6.9837

Square

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



72.3904, -19.0805, -9.4939



72.3904, 9.5452, -12.8629



72.3904, 12.7180, 15.2095



72.3904, -16.3676, 17.4845

Rectangle

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



72.3890, -19.0798, -9.4951



72.3904, -4.1586, -18.3950



72.3904, 12.7180, 15.2095



72.3904, -3.5738, 20.8525

Sweetspot

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



72.3904, -19.0805, -9.4939



95.8295, -11.5010, 0.3142



75.4566, -36.9427, 23.6159



44.1056, -5.6478, -0.1427

0.0000, NaN, NaN



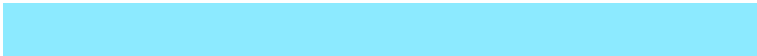
46.2646, -2.4686, 2.5136

Same Dimension

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



72.3904, -19.0805, -9.4939



84.6578, -25.1557, -14.5330



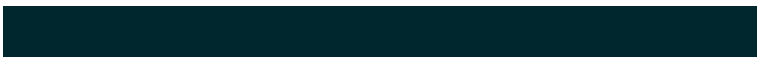
60.1001, 0.2507, -27.7238



37.9518, -4.1820, 0.4223



47.2068, -17.5456, -21.1285



12.4548, -5.0485, -4.6691

Inverse Universe

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



60.2870, 36.4437, -17.1686



67.8458, 53.6183, -25.2883



72.9279, -1.9854, 26.2668



36.3756, 2.6228, -0.5027



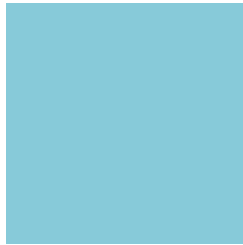
32.9749, 62.3643, -24.3800



8.4575, 16.1007, -7.0700

Previews

White Background



This preview shows how the HunterLab color 72.3890, -19.0798, -9.4951 looks on a white background.

Color Contrast Check

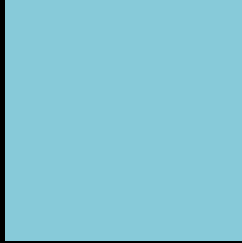
Large Text (above 18pt) WCAG AA × Fail

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 72.3890, -19.0798, -9.4951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

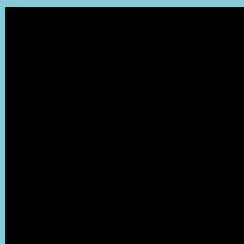
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

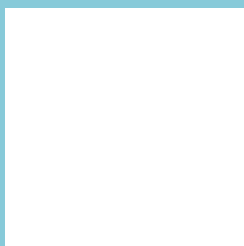
Any Text WCAG AAA ✓ Pass

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

HunterLab 72.3890, -19.0798, -9.4951 Background



This preview shows how black text looks on a background with the HunterLab color 72.3890, -19.0798, -9.4951.



This preview shows how white text looks on a background with the HunterLab color 72.3890,

-19.0798, -9.4951.

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

72.3890, -19.0798, -9.4951

Protanopia

71.9843, -0.2702, -5.3323

Deuteranopia

72.0328, 5.2362, -11.2541



Tritanopia

72.4251, -18.8748, -10.0025

Trichromacy



Original Color

72.3890, -19.0798, -9.4951

Protanomaly

71.9528, -7.9864, -7.1284

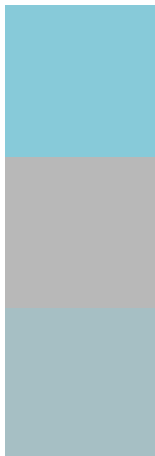
Deuteranomaly

71.9013, -4.5056, -11.0367

Tritanomaly

72.4251, -18.8748, -10.0025

Monochromacy



Original Color

72.3890, -19.0798, -9.4951

Achromatopsia

69.2330, -3.6941, 3.7616

Achromatomaly

70.2525, -10.3308, -0.9668

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.3890, -19.0798, -9.4951 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(135, 202, 217)` looks like.

```
.text, #text, p{  
    color:rgb(135, 202, 217)  
}
```

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(135, 202, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 202, 217) }
```

Border

The CSS property to change the border of an element to HunterLab 72.3890, -19.0798, -9.4951 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(135, 202, 217) }
```


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

```
.border{ border-color:rgb(135, 202, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 202, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 202, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 202, 217); box-shadow:4px 4px 4px 4px rgb(135, 202, 217) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.3890, -19.0798, -9.4951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 202, 217) }
```

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

```
.background{ background-color: rgb(135,  
202, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor