

Converting Colors

HunterLab(49.3088, -17.2121,
-22.9933)

Have a look what the booklet for
HunterLab(49.3088, -17.2121,
-22.9933) contains.

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Color

**HunterLab(49.3695,
-17.2422, -23.0296)**

Conversions

Conversions Part 1

Format	Color
Hex	1293B6
RGB	18, 147, 182
RGB Percent	7%, 58%, 71%
CMY	0.9293, 0.4235, 0.2863
CMYK	0.90, 0.19, 0.00, 0.29
HSL	193°, 82%, 39%
HSV	193°, 90%, 71%
XYZ	19.1267, 24.3735, 47.9525
YIQ	112.4190, -88.1190, -16.4630

Conversions

Conversions Part 2

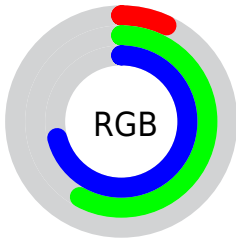
Format	Color
R _Y B	18, 90, 182
Decimal	1217462
CIE Lab	56.46, -19.32, -27.23
CIE LCh	56, 33.393, 234.641
Yxy	24.3743, 0.2091, 0.2665
Android (android.graphics.Color)	4279407542 (0xFF1293B6)
YUV	112.4190, 34.3034, -82.8055
Hunter-Lab	49.3695, -17.2422, -23.0296

Details

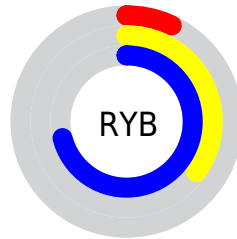
The HunterLab color **49.3695, -17.2422, -23.0296** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **35.4082, 42.2639, 21.5982**, and the grayscale version is **40.3138, -2.1510, 2.1903**.

A 20% lighter version of the original color is **71.1330, -20.4314, -23.9476**, and **31.5448, -9.1120, -19.7580** is the 20% darker color. If you saturate the color by 10%, you get **48.0300, -16.0817, -25.3175**, and if you desaturate by 10%, it is **50.8461, -17.9706, -20.5895**.

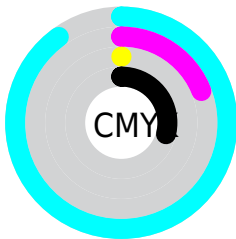
Distribution



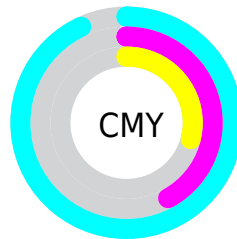
- Red (7%)
- Green (58%)
- Blue (71%)



- Red (7%)
- Yellow (35%)
- Blue (71%)



- Cyan (90%)
- Magenta (19%)
- Yellow (0%)
- Black (29%)



- Cyan (93%)
- Magenta (42%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.3695, -17.2422, -23.0296 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 49.3695, -17.2422, -23.0296 by changing the saturation by 10% instead.

■ 49.3695, -17.2422,
-23.0296

■ 49.3695, -17.2422,
-23.0296

165.7430,
-31.4954, -25.3194

■ 39.5114, -15.5335,
-22.5064

■ 71.1620, -20.5251,
-23.9215

■ 30.4133, -13.7547,
-21.9545

■ 83.0135, -22.1241,
-24.2829

■ 22.1459, -11.8717,
-21.4206

■ 95.4583, -23.7052,
-24.5874

■ 14.8030, -9.8255,
-21.0335

■ 108.4695,
-25.2739, -24.8365

■ 8.4571, -10.4083,
-21.4602

■ 122.0235,
-26.8344, -25.0321

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 136.0991,

-28.3898, -25.1764

0.0000, NaN, NaN

150.6779,
-29.9428, -25.2715

0.0000, NaN, NaN

■ 49.3695, -17.2422,
-23.0296

■ 49.3695, -17.2422,
-23.0296

■ 48.0300, -16.0817,
-25.3175

■ 50.8461, -17.9706,
-20.5895

■ 52.4787, -18.1259,
-17.9808

■ 54.2747, -17.6867,
-15.2119

■ 56.2354, -16.6567,
-12.3000

■ 58.3588, -15.0568,
-9.2658

■ 60.6404, -12.9194,
-6.1308

■ 63.0739, -10.2833,
-2.9156

■ 65.6525, -7.1909,
0.3613

■ 68.3684, -3.6849,
3.6839

Harmonies

Analogous

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



49.3704, -24.7600, -9.1997



49.3695, -17.2422, -23.0296



49.3704, -5.1210, -30.1296

Triad

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



49.3704, -17.2419, -23.0287



49.3704, 27.0597, 0.2405



49.3704, -13.3463, 20.7303

Complementary

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



49.3695, -17.2422, -23.0296



35.4082, 42.2639, 21.5982

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.



49.3704, -0.1028, 21.9617



49.3695, -17.2422, -23.0296



49.3704, 24.2322, 12.1995

Square

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



49.3704, -17.2419, -23.0287



49.3704, 21.2393, -14.5077



49.3704, 13.8919, 19.3168



49.3704, -22.6923, 15.3072

Rectangle

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



49.3695, -17.2422, -23.0296



49.3704, 4.3390, -28.9851



49.3704, 13.8919, 19.3168



49.3704, -9.2458, 21.5709

Sweetspot

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



49.3704, -17.2419, -23.0287



82.4955, -16.5216, -7.1218



58.1572, -47.8429, 31.8268



38.2599, -8.2894, -4.0321



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



49.3704, -17.2419, -23.0287



64.3940, -21.2709, -34.5692



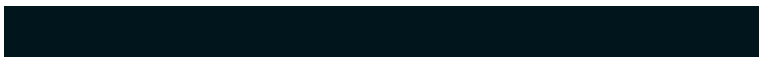
27.4710, 21.5406, -78.2131



31.4268, -3.3124, 0.2911



40.4847, -13.6836, -21.0633



8.1259, -3.2741, -3.0889

Inverse Universe

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



35.3345, 63.3207, -23.4379



46.4739, 87.2649, -29.4798



51.6832, 5.4380, 31.2844



30.2143, 2.0477, -0.2578



29.0464, 54.6101, -18.9614



5.5295, 10.5214, -4.5817

Previews

White Background



This preview shows how the HunterLab color 49.3695, -17.2422, -23.0296 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 49.3695, -17.2422, -23.0296 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 49.3695, -17.2422, -23.0296 Background



This preview shows how black text looks on a background with the HunterLab color 49.3695, -17.2422, -23.0296.



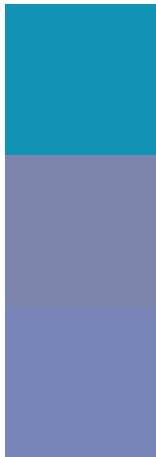
This preview shows how white text looks on a background with the HunterLab color 49.3695,

-17.2422, -23.0296.

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

49.3695, -17.2422, -23.0296

Protanopia

49.1056, 2.3649, -16.8244

Deuteranopia

49.1933, 3.7264, -24.9416



Tritanopia

49.3821, -23.7425, -10.4700

Trichromacy



Original Color

49.3695, -17.2422, -23.0296

Protanomaly

48.2597, -7.6586, -20.8590

Deuteranomaly

48.4061, -6.4612, -25.8291

Tritanomaly

49.4010, -21.4254, -14.9844

Monochromacy



Original Color

49.3695, -17.2422, -23.0296

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

42.5360, -11.5295, -6.9802

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.3695, -17.2422, -23.0296 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(18, 147, 182)` looks like.

```
.text, #text, p{  
    color:rgb(18, 147, 182)  
}
```

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(18, 147, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 147, 182) }
```

Border

The CSS property to change the border of an element to HunterLab 49.3695, -17.2422, -23.0296 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(18, 147, 182) }
```


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

```
.border{ border-color:rgb(18, 147, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 147, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 147, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 147, 182);  
box-shadow:4px 4px 4px 4px rgb(18, 147,  
182) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.3695, -17.2422, -23.0296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 147, 182) }
```

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

```
.background{ background-color: rgb(18, 147,  
182) }
```

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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