

Converting Colors

HunterLab(72.7246, -47.6224,
19.0546)

Have a look what the booklet for
HunterLab(72.7246, -47.6224,
19.0546) contains.

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Color

**HunterLab(72.7246,
-47.6224, 19.0546)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 3BD99A |
| RGB | 59, 217, 154 |
| RGB Percent | 23%, 85%, 60% |
| CMY | 0.7686, 0.1490, 0.3961 |
| CMYK | 0.73, 0.00, 0.29, 0.15 |
| HSL | 156°, 68%, 54% |
| HSV | 156°, 73%, 85% |
| XYZ | 32.4493, 52.8887, 39.0701 |
| YIQ | 162.5760, -73.9450, -53.0890 |

Conversions

Conversions Part 2

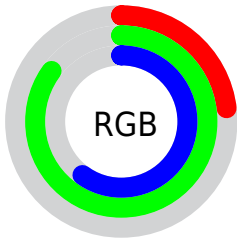
| Format | Color |
|-------------------------------------|---|
| RYB | 59, 158, 217 |
| Decimal | 3922330 |
| CIELab | 77.81, -54.89, 19.62 |
| CIElCh | 78, 58.295, 160.333 |
| Yxy | 52.8908, 0.2608, 0.4251 |
| Android (android.graphics.Color) | 4282112410 (0xFF3BD99A) |
| YUV | 162.5760, -4.2280, -90.8362 |
| Hunter-Lab | 72.7246, -47.6224, 19.0546 |

Details

The HunterLab color **72.7246, -47.6224, 19.0546** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle muted spring green. A complement of this color would be **43.9160, 60.0988, 3.2516**, and the grayscale version is **60.3851, -3.2220, 3.2808**.

A 20% lighter version of the original color is **89.7973, -45.7860, 14.7028**, and **51.4480, -37.3215, 16.2608** is the 20% darker color. If you saturate the color by 10%, you get **72.1677, -50.2966, 21.4648**, and if you desaturate by 10%, it is **73.4820, -44.1507, 16.6787**.

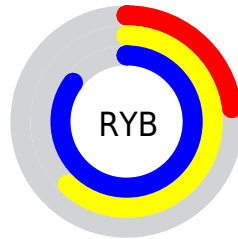
Distribution



Red (23%)

Green (85%)

Blue (60%)



Red (23%)

Yellow (62%)

Blue (85%)

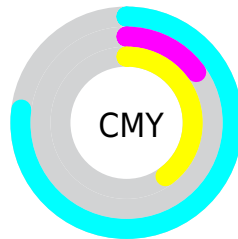


Cyan (73%)

Magenta (0%)

Yellow (29%)

Black (15%)



Cyan (77%)


Magenta (15%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 72.7246, -47.6224, 19.0546 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 72.7246, -47.6224, 19.0546 by changing the saturation by 10% instead.


 72.7246, -47.6224,
19.0546


 72.7246, -47.6224,
19.0546


199.4658,
-76.2344, 33.3230


 61.4130, -43.9263,
17.3984


 97.1821, -54.5781,
22.2896

 50.7563, -40.0368,
15.7014


 110.2679,
-57.8855, 23.8814


 40.7991, -35.9029,
13.9483


 123.8934,
-61.1032, 25.4630

 31.5946, -31.4499,
12.1161

 138.0380,
-64.2445, 27.0380

 23.2103, -26.5655,
10.1690

 152.6834,
-67.3202, 28.6094

 15.7358, -21.4803,
8.0943

167.8130,

 9.2987, -16.2728,

-70.3390, 30.1795

6.5091

183.4116,
-73.3083, 31.7502

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.7246, -47.6224,
19.0546

■ 72.7246, -47.6224,
19.0546

■ 72.1677, -50.2966,
21.4648

■ 73.4820, -44.1507,
16.6787

■ 71.7856, -52.2353,
23.8666

■ 74.4502, -39.8522,
14.3727


■ 71.5906, -53.2883,
25.5521


■ 75.6402, -34.7296,
12.1711


■ 77.0574, -28.8097,
10.1034


■ 78.7032, -22.1384,

8.1943

 80.5763, -14.7755,
6.4628

 82.6725, -6.7899,
4.9228

 84.9855, 1.7455,
3.5824

 87.5078, 10.7575,
2.4451

Harmonies

Analogous

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



72.7260, -35.3011, 32.9982



72.7246, -47.6224, 19.0546



72.7260, -49.2901, -5.7481

Triad

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



72.7260, -47.6231, 19.0552



72.7260, 5.9372, -65.7840



72.7260, 41.4304, 29.7465

Complementary

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



72.7246, -47.6224, 19.0546



43.9160, 60.0988, 3.2516

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.



72.7260, 56.4135, 12.4882



72.7246, -47.6224, 19.0546



72.7260, 33.9781, -46.3453

Square

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



72.7260, -47.6231, 19.0552



72.7260, -20.9874, -61.9045



72.7260, 53.4986, -15.2829



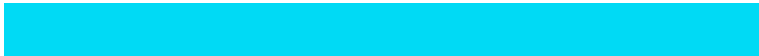
72.7260, 14.9616, 37.3733

Rectangle

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



72.7246, -47.6224, 19.0546



72.7260, -44.4506, -26.6284



72.7260, 53.4986, -15.2829



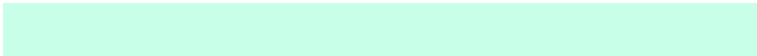
72.7260, 48.1446, 25.2127

Sweetspot

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



72.7260, -47.6231, 19.0552



94.6100, -26.0619, 9.7043



73.5500, -47.0260, 41.1618



43.5061, -13.1175, 4.7688

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.7260, -47.6231, 19.0552



86.3821, -61.6433, 27.2096



69.1436, -29.9667, -14.2114



38.3889, -5.7402, 2.7977



55.7185, -41.3412, 19.6006



14.2412, -10.1581, 4.1282

Inverse Universe

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



43.9160, 60.0988, 3.2516



48.7356, 80.5447, 9.1937



44.8039, 48.7188, 22.9844



36.2452, 1.9233, 1.3525



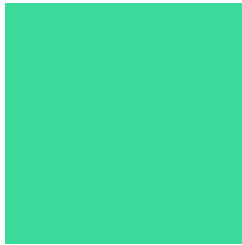
30.5963, 53.8073, 8.8398



7.8943, 14.0850, 0.7148

Previews

White Background



This preview shows how the HunterLab color 72.7246, -47.6224, 19.0546 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 72.7246, -47.6224, 19.0546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

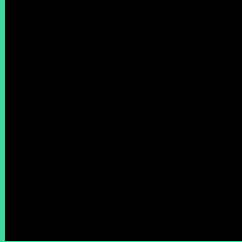
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

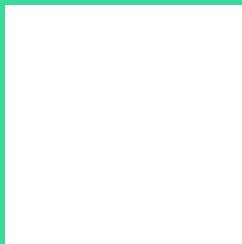
Any Text WCAG AAA ✓ Pass

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

HunterLab 72.7246, -47.6224, 19.0546 Background



This preview shows how black text looks on a background with the HunterLab color 72.7246, -47.6224, 19.0546.



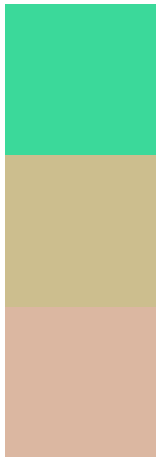
This preview shows how white text looks on a background with the HunterLab color 72.7246,

-47.6224, 19.0546.

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

72.7246, -47.6224, 19.0546

Protanopia

71.8452, -5.9812, 23.0469

Deuteranopia

71.7637, 5.1972, 16.4540



Tritanopia

72.6444, -27.7084, -13.8609

Trichromacy



Original Color

72.7246, -47.6224, 19.0546



Protanomaly

70.6846, -26.2087, 20.2864



Deuteranomaly

70.0542, -19.6938, 15.4449



Tritanomaly

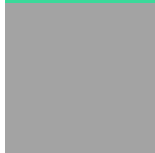
72.3701, -35.8130, -0.2998

Monochromacy



Original Color

72.7246, -47.6224, 19.0546



Achromatopsia

60.5188, -3.2291, 3.2881



Achromatomaly

63.8475, -23.0077, 8.0560

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.7246, -47.6224, 19.0546 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(59, 217, 154)` looks like.

```
.text, #text, p{  
    color:rgb(59, 217, 154)  
}
```

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(59, 217, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 217, 154) }
```

Border

The CSS property to change the border of an element to HunterLab 72.7246, -47.6224, 19.0546 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(59, 217, 154) }
```


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

```
.border{ border-color:rgb(59, 217, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 217, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 217, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 217, 154);  
box-shadow:4px 4px 4px 4px rgb(59, 217,  
154) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.7246, -47.6224, 19.0546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 217, 154) }
```

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

```
.background{ background-color: rgb(59, 217,  
154) }
```

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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