

Converting Colors

HunterLab(73.9451, -48.0946,
21.5121)

Have a look what the booklet for
HunterLab(73.9451, -48.0946,
21.5121) contains.

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Color

**HunterLab(73.9784,
-48.1564, 21.6169)**

Conversions

Conversions Part 1

Format	Color
Hex	47DC96
RGB	71, 220, 150
RGB Percent	28%, 86%, 59%
CMY	0.7216, 0.1372, 0.4118
CMYK	0.68, 0.00, 0.32, 0.14
HSL	152°, 68%, 57%
HSV	152°, 68%, 86%
XYZ	33.6968, 54.7280, 37.6417
YIQ	167.4690, -66.3340, -53.3580

Conversions

Conversions Part 2

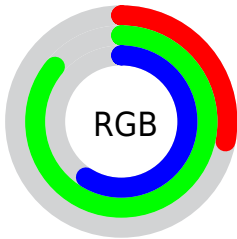
Format	Color
RYB	71, 168, 220
Decimal	4709526
CIELab	78.89, -55.11, 23.23
CIELCh	79, 59.802, 157.145
Yxy	54.7302, 0.2673, 0.4341
Android (android.graphics.Color)	4282899606 (0xFF47DC96)
YUV	167.4690, -8.6122, -84.6033
Hunter-Lab	73.9784, -48.1564, 21.6169

Details

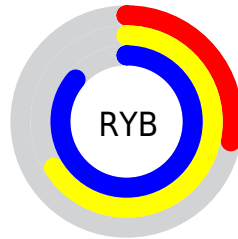
The HunterLab color **73.9784, -48.1564, 21.6169** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **46.5257, 58.9145, -2.4150**, and the grayscale version is **62.4123, -3.3302, 3.3910**.

A 20% lighter version of the original color is **90.0170, -45.1935, 17.0501**, and **52.3944, -38.7901, 18.2482** is the 20% darker color. If you saturate the color by 10%, you get **73.2974, -51.3885, 24.3006**, and if you desaturate by 10%, it is **74.8770, -44.0612, 18.9100**.

Distribution



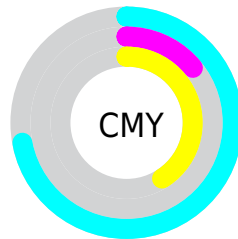
- Red (28%)
- Green (86%)
- Blue (59%)



- Red (28%)
- Yellow (66%)
- Blue (86%)



- Cyan (68%)
- Magenta (0%)
- Yellow (32%)
- Black (14%)





- Cyan (72%)
- Magenta (14%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 73.9784, -48.1564, 21.6169 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 73.9784, -48.1564, 21.6169 by changing the saturation by 10% instead.


 73.9784, -48.1564,
21.6169


 73.9784, -48.1564,
21.6169


201.2184,
-76.7831, 37.3294


 62.5985, -44.4658,
19.7557


 98.5625, -55.1085,
25.2264


 51.8693, -40.5852,
17.8388


 111.7073,
-58.4163, 26.9909

 41.8346, -36.4654,
15.8480


 125.3896,
-61.6355, 28.7373

 32.5462, -32.0345,
13.7561

 139.5889,
-64.7791, 30.4700

 24.0699, -27.1848,
11.5221

154.2871,
-67.8576, 32.1929

 16.4924, -21.9137,
9.1985

169.4678,

 9.9366, -17.3890,

-70.8798, 33.9088

6.9556

185.1161,
-73.8530, 35.6203

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.9784, -48.1564,
21.6169

■ 73.9784, -48.1564,
21.6169

■ 73.2974, -51.3885,
24.3006

■ 74.8770, -44.0612,
18.9100

■ 72.8116, -53.7989,
26.9185

■ 76.0009, -39.0914,
16.2173

■ 72.4931, -55.4899,
29.4258


■ 77.3588, -33.2670,
13.5763


■ 72.4323, -55.8217,
29.9688


■ 78.9536, -26.6303,
11.0201


■ 80.7849, -19.2405,

8.5776

 82.8493, -11.1688,
6.2722

 85.1410, -2.4922,
4.1219

 87.6523, 6.7106,
2.1394

 88.8375, 11.3368,
-1.6654

Harmonies

Analogous

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



73.9799, -34.3480, 34.7919



73.9784, -48.1564, 21.6169



73.9799, -51.0384, -2.7883

Triad

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



73.9799, -48.1572, 21.6175



73.9799, 3.0222, -69.0686



73.9799, 45.2489, 29.1854

Complementary

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



73.9784, -48.1564, 21.6169



46.5257, 58.9145, -2.4150

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.



73.9799, 58.9874, 10.2498



73.9784, -48.1564, 21.6169



73.9799, 32.3159, -51.0671

Square

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



73.9799, -48.1572, 21.6175



73.9799, -24.1439, -62.3182



73.9799, 53.9264, -19.3399



73.9799, 18.6701, 37.8577

Rectangle

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



73.9784, -48.1564, 21.6169



73.9799, -46.8460, -24.0756



73.9799, 53.9264, -19.3399



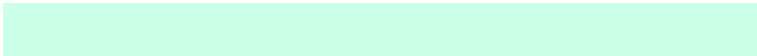
73.9799, 51.6925, 24.1588

Sweetspot

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



73.9799, -48.1572, 21.6175



94.9364, -24.9515, 10.8293



75.8188, -43.0715, 41.3030



43.6339, -12.7021, 5.3866

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



73.9799, -48.1572, 21.6175



86.3867, -61.9782, 29.9568



75.1011, -35.2502, -7.7974



38.3680, -5.8565, 3.0956



55.5089, -42.6366, 22.6588



14.1899, -10.4733, 4.8727

Inverse Universe

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



46.5257, 58.9145, -2.4150



50.4682, 79.5556, 0.7876



45.2775, 51.1319, 20.9881



36.2669, 2.0398, 1.0435



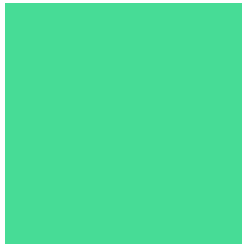
30.8723, 54.8167, 4.8567



7.9673, 14.3504, -0.3254

Previews

White Background



This preview shows how the HunterLab color 73.9784, -48.1564, 21.6169 looks on a white background.

Color Contrast Check

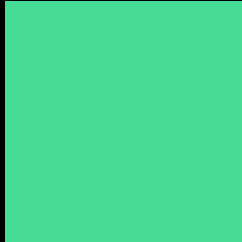
Large Text (above 18pt) WCAG AA × Fail

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 73.9784, -48.1564, 21.6169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

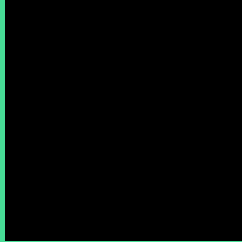
Any Text WCAG AA ✓ Pass

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 73.9784, -48.1564, 21.6169 Background



This preview shows how black text looks on a background with the HunterLab color 73.9784, -48.1564, 21.6169.



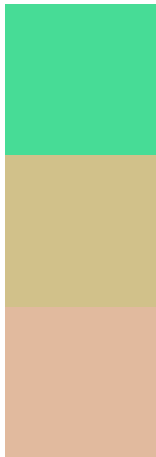
This preview shows how white text looks on a background with the HunterLab color 73.9784, -48.1564, 21.6169.

-48.1564, 21.6169.

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

73.9784, -48.1564, 21.6169

Protanopia

73.1643, -6.1693, 25.4904

Deuteranopia

73.2079, 5.4585, 19.0080



Tritanopia

73.7215, -26.9141, -13.4912

Trichromacy



Original Color

73.9784, -48.1564, 21.6169



Protanomaly

72.1358, -25.9302, 22.9619



Deuteranomaly

71.5470, -19.2438, 18.0522



Tritanomaly

73.7160, -35.8371, 1.3373

Monochromacy



Original Color

73.9784, -48.1564, 21.6169



Achromatopsia

62.1634, -3.3169, 3.3775



Achromatomaly

65.2660, -22.5735, 9.1906

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 73.9784, -48.1564, 21.6169 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(71, 220, 150)` looks like.

```
.text, #text, p{  
    color:rgb(71, 220, 150)  
}
```

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(71, 220, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 220, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 73.9784, -48.1564, 21.6169 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(71, 220, 150) }
```


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

```
.border{ border-color:rgb(71, 220, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 220, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 220, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 220, 150);  
box-shadow:4px 4px 4px 4px rgb(71, 220,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 73.9784, -48.1564, 21.6169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 220, 150) }
```

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

```
.background{ background-color: rgb(71, 220,  
150) }
```

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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