

# Converting Colors

HunterLab(73.5115, -39.6501,  
10.6322)

Have a look what the booklet for  
HunterLab(73.5115, -39.6501,  
10.6322) contains.

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# Color

**HunterLab(73.5115,  
-39.6501, 10.6322)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BD7B2
RGB	91, 215, 178
RGB Percent	36%, 84%, 70%
CMY	0.6431, 0.1568, 0.3020
CMYK	0.58, 0.00, 0.17, 0.16
HSL	162°, 61%, 60%
HSV	162°, 58%, 84%
XYZ	36.6507, 54.0394, 50.6185
YIQ	173.7060, -62.0270, -37.7950

# Conversions

## Conversions Part 2

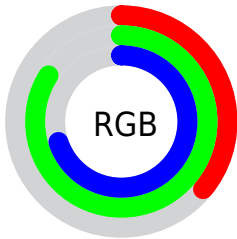
Format	Color
<a href="#">RYB</a>	<a href="#">91, 164, 215</a>
Decimal	<a href="#">6018994</a>
CIELab	<a href="#">78.49, -43.33, 7.97</a>
CIELCh	<a href="#">78, 44.059, 169.576</a>
Yxy	<a href="#">54.0415, 0.2594, 0.3824</a>
Android (android.graphics.Color)	<a href="#">4284209074</a> ( <a href="#">0xFF5BD7B2</a> )
YUV	<a href="#">173.7060, 2.1169, -72.5332</a>
Hunter-Lab	<a href="#">73.5115, -39.6501, 10.6322</a>

# Details

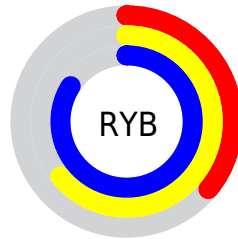
The HunterLab color **73.5115, -39.6501, 10.6322** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **48.4657, 46.5347, 5.6933**, and the grayscale version is **64.9484, -3.4655, 3.5288**.

A 20% lighter version of the original color is **91.6732, -37.0310, 5.4958**, and **51.3051, -33.4648, 8.6064** is the 20% darker color. If you saturate the color by 10%, you get **72.6974, -43.2508, 12.3768**, and if you desaturate by 10%, it is **74.5379, -35.2654, 9.0588**.

# Distribution



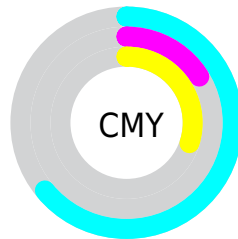
- Red (36%)
- Green (84%)
- Blue (70%)



- Red (36%)
- Yellow (64%)
- Blue (84%)



- Cyan (58%)
- Magenta (0%)
- Yellow (17%)
- Black (16%)




- Cyan (64%)
- Magenta (16%)
- Yellow (30%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.5115, -39.6501, 10.6322 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 73.5115, -39.6501, 10.6322 by changing the saturation by 10% instead.





 73.5115, -39.6501,  
10.6322


 73.5115, -39.6501,  
10.6322


200.5663,  
-63.3635, 20.4104


 62.1570, -36.6625,  
9.6173


 98.0486, -45.3226,  
12.7003


 51.4546, -33.5386,  
8.6105


 111.1715,  
-48.0417, 13.7548

 41.4487, -30.2413,  
7.6089


 124.8327,  
-50.7003, 14.8242

 32.1914, -26.7154,  
6.6065


 139.0117,  
-53.3077, 15.9093

 23.7491, -22.8766,  
5.5935

153.6903,  
-55.8719, 17.0102

 16.2098, -18.5867,  
4.5522

168.8520,

 9.6981, -16.9717,

-58.3993, 18.1273

3.9424

184.4819,  
-60.8950, 19.2607

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.5115, -39.6501,  
10.6322

■ 73.5115, -39.6501,  
10.6322

■ 72.6974, -43.2508,  
12.3768

■ 74.5379, -35.2654,  
9.0588

■ 72.0792, -46.0812,  
14.2600

■ 75.7798, -30.1044,  
7.6787

■ 71.6406, -48.1885,  
16.2472

■ 77.2425, -24.1985,  
6.5116

■ 71.3535, -49.6713,  
18.2935


■ 78.9266, -17.5943,  
5.5705

■ 71.2966, -49.9739,


■ 80.8298, -10.3502,


18.7647

4.8625

 82.9476, -2.5316,  
4.3899

 85.2736, 5.7935,  
4.1500

 86.9127, 11.6511,  
3.0262

 87.1229, 12.7618,  
0.0359

# Harmonies

## Analogous

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



73.5130, -32.2727, 24.8471



73.5115, -39.6501, 10.6322



73.5130, -38.3092, -10.1044

# Triad

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



73.5130, -39.6508, 10.6330



73.5130, 10.1335, -42.3084



73.5130, 24.2053, 27.6934

# Complementary

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



73.5115, -39.6501, 10.6322



48.4657, 46.5347, 5.6933

# 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.



73.5130, 38.2312, 15.7692



73.5115, -39.6501, 10.6322



73.5130, 29.4954, -25.6017

# Square

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



73.5130, -39.6508, 10.6330



73.5130, -11.1077, -44.8346



73.5130, 40.2692, -3.3118



73.5130, 3.5416, 32.6915



# Rectangle

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



73.5115, -39.6501, 10.6322



73.5130, -32.5967, -25.0001



73.5130, 40.2692, -3.3118



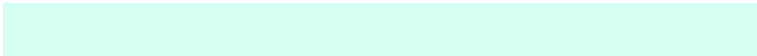
73.5130, 29.9470, 24.5491

# Sweetspot

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



73.5130, -39.6508, 10.6330



95.8539, -20.9144, 6.7068



73.4596, -43.2095, 36.5199



44.1434, -10.4617, 3.1982

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



73.5130, -39.6508, 10.6330



88.0183, -53.2246, 15.4576



66.3672, -21.9034, -16.9248



37.4724, -5.4280, 2.3136



55.1562, -38.5400, 14.2564



13.5985, -9.1439, 2.7421



# Inverse Universe

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



48.4657, 46.5347, 5.6933



53.3975, 67.5929, 10.0251



52.5820, 30.6547, 21.7762



35.3287, 1.7066, 1.7414



29.7992, 51.8337, 13.0422

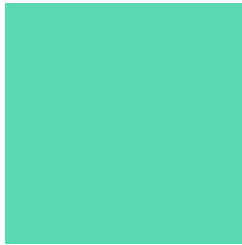


7.4168, 13.0910, 1.7728



# Previews

## White Background



This preview shows how the HunterLab color 73.5115, -39.6501, 10.6322 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

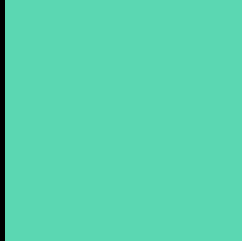
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 73.5115, -39.6501, 10.6322 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

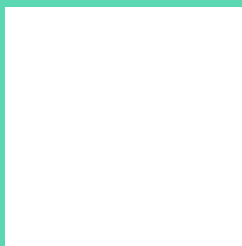
Any Text WCAG AAA ✓ Pass

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

## HunterLab 73.5115, -39.6501, 10.6322 Background



This preview shows how black text looks on a background with the HunterLab color 73.5115, -39.6501, 10.6322.



This preview shows how white text looks on a background with the HunterLab color 73.5115,

-39.6501, 10.6322.

# 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

73.5115, -39.6501, 10.6322

### Protanopia

72.8073, -4.6090, 15.4043

### Deuteranopia

72.8187, 5.5132, 8.0445



## Tritanopia

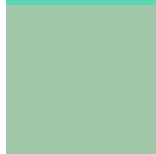
73.2624, -25.3670, -12.9487

# Trichromacy



## Original Color

73.5115, -39.6501, 10.6322



## Protanomaly

72.0363, -19.9831, 12.7375



## Deuteranomaly

72.0111, -14.5055, 7.6810



## Tritanomaly

73.4230, -31.1329, -3.4901

# Monochromacy



## Original Color

73.5115, -39.6501, 10.6322



## Achromatopsia

65.0590, -3.4714, 3.5348



## Achromatomaly

67.3941, -18.7838, 5.5186

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 73.5115, -39.6501, 10.6322 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(91, 215, 178)` looks like.

```
.text, #text, p{  
    color:rgb(91, 215, 178)  
}
```

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(91, 215, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 215, 178) }
```

## Border

The CSS property to change the border of an element to HunterLab 73.5115, -39.6501, 10.6322 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(91, 215, 178) }
```



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

```
.border{ border-color:rgb(91, 215, 178) }
```

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

Here you see how a box with a 4 pixel rgb(91, 215, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 215, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 215, 178);  
box-shadow:4px 4px 4px 4px rgb(91, 215,  
178) }
```

# Background

The CSS property to change the background color of an element to HunterLab 73.5115, -39.6501, 10.6322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 215, 178) }
```

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

```
.background{ background-color: rgb(91, 215,  
178) }
```

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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