

# Converting Colors

HunterLab(80.0411, -53.1075,  
23.9776)

Have a look what the booklet for  
HunterLab(80.0411, -53.1075,  
23.9776) contains.

<b>HunterLab(79.8960, -53.0166, 23.9622)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(79.8960,  
-53.0166, 23.9622)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47EC9F
RGB	71, 236, 159
RGB Percent	28%, 93%, 62%
CMY	0.7216, 0.0745, 0.3765
CMYK	0.70, 0.00, 0.33, 0.07
HSL	152°, 81%, 60%
HSV	152°, 70%, 93%
XYZ	38.8520, 63.8337, 43.0743
YIQ	177.8870, -73.6230, -58.9270

# Conversions

## Conversions Part 2

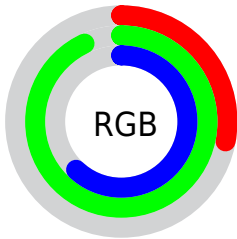
Format	Color
<a href="#">RYB</a>	<a href="#">71, 179, 236</a>
Decimal	<a href="#">4713631</a>
CIELab	<a href="#">83.88, -59.44, 25.39</a>
CIELCh	<a href="#">84, 64.633, 156.872</a>
Yxy	<a href="#">63.8363, 0.2665, 0.4379</a>
Android (android.graphics.Color)	<a href="#">4282903711 (0xFF47EC9F)</a>
YUV	<a href="#">177.8870, -9.3113, -93.7399</a>
Hunter-Lab	<a href="#">79.8960, -53.0166, 23.9622</a>

# Details

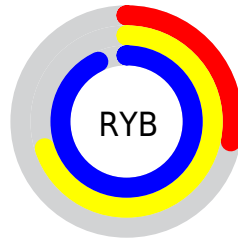
The HunterLab color **79.8960, -53.0166, 23.9622** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **49.4762, 65.6394, -1.9413**, and the grayscale version is **66.7376, -3.5610, 3.6260**.

A 20% lighter version of the original color is **90.4314, -43.0225, 13.2598**, and **57.7077, -42.9173, 20.5165** is the 20% darker color. If you saturate the color by 10%, you get **79.2117, -56.2973, 26.8572**, and if you desaturate by 10%, it is **80.8133, -48.8036, 21.0350**.

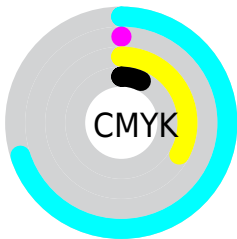
# Distribution



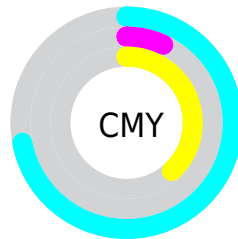
- Red (28%)
- Green (93%)
- Blue (62%)



- Red (28%)
- Yellow (70%)
- Blue (93%)



- Cyan (70%)
- Magenta (0%)
- Yellow (33%)
- Black (7%)




- Cyan (72%)
- Magenta (7%)
- Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.8960, -53.0166, 23.9622 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 79.8960, -53.0166, 23.9622 by changing the saturation by 10% instead.




 79.8960, -53.0166,  
23.9622


 79.8960, -53.0166,  
23.9622


209.4273,  
-83.1121, 40.4761


 68.2042, -49.1495,  
22.0005


 105.0596,  
-60.3169, 27.7660

 57.1444, -45.0931,  
19.9813


 118.4755,  
-63.7946, 29.6240

 46.7570, -40.8017,  
17.8876


 132.4185,  
-67.1805, 31.4614

 37.0886, -36.2105,  
15.6943

 146.8691,  
-70.4874, 33.2829

 28.1974, -31.2246,  
13.3649

161.8103,  
-73.7260, 35.0923

 20.1583, -25.7005,  
10.8446

177.2263,

 13.0736, -22.7485,

-76.9049, 36.8926

9.1515

193.1030,  
-80.0315, 38.6865

■ 6.5543, -11.4700,  
4.5880

0.0000, NaN, NaN

■ 79.8960, -53.0166,  
23.9622

■ 79.8960, -53.0166,  
23.9622

■ 79.2117, -56.2973,  
26.8572

■ 80.8133, -48.8036,  
21.0350

■ 78.7340, -58.7021,  
29.6728


■ 81.9735, -43.6371,  
18.1171


■ 78.4219, -60.3896,  
32.3528


■ 83.3874, -37.5318,  
15.2499


■ 78.4195, -60.4028,  
32.3748

■ 85.0592, -30.5284,  
12.4707

 86.9894, -22.6878,  
9.8119

 89.1749, -14.0854,  
7.3003

 91.6098, -4.8043,  
4.9567

 93.7953, 3.4102,  
2.1743

 94.0602, 4.8357,  
-1.5910

# Harmonies

## Analogous

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



79.8976, -37.6994, 38.2555



79.8960, -53.0166, 23.9622



79.8976, -56.2947, -2.9169

# Triad

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



79.8976, -53.0174, 23.9629



79.8976, 3.1698, -77.4642



79.8976, 50.6726, 31.9381

# Complementary

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



79.8960, -53.0166, 23.9622



49.4762, 65.6394, -1.9413

# 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.



79.8976, 65.8286, 10.9908



79.8960, -53.0166, 23.9622



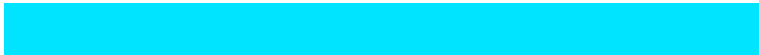
79.8976, 35.7645, -57.4563

# Square

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



79.8976, -53.0174, 23.9629



79.8976, -26.8611, -69.6154



79.8976, 59.9856, -21.9905



79.8976, 21.1543, 41.4444



# Rectangle

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



79.8960, -53.0166, 23.9622



79.8976, -51.7588, -26.6069



79.8976, 59.9856, -21.9905



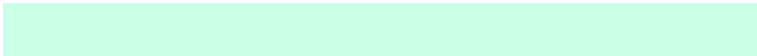
79.8976, 57.8100, 26.3983

# Sweetspot

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



79.8976, -53.0174, 23.9629



94.7173, -25.8218, 11.0462



81.8560, -47.6238, 45.2871



43.5414, -13.0720, 5.4783

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



79.8976, -53.0174, 23.9629



86.2294, -62.7459, 30.7021



81.1282, -38.6726, -8.6839



41.2268, -6.3174, 3.3206



58.2434, -44.7040, 23.7039



16.3804, -12.1601, 5.7760



# Inverse Universe

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



49.4762, 65.6394, -1.9413



49.7475, 80.9238, 2.1481



48.1180, 57.3654, 23.3081



38.9500, 2.2200, 1.1279



32.3692, 57.4345, 5.4022

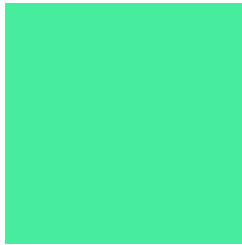


9.1762, 16.4789, 0.0038



# Previews

## White Background



This preview shows how the HunterLab color 79.8960, -53.0166, 23.9622 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 79.8960, -53.0166, 23.9622 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

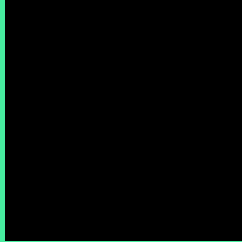
Any Text WCAG AA ✓ Pass

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 79.8960, -53.0166, 23.9622 Background



This preview shows how black text looks on a background with the HunterLab color 79.8960, -53.0166, 23.9622.



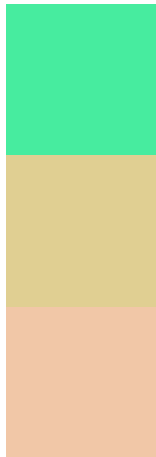
This preview shows how white text looks on a background with the HunterLab color 79.8960, -53.0166, 23.9622.

-53.0166, 23.9622.

# 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

79.8960, -53.0166, 23.9622

### Protanopia

79.0875, -6.9521, 28.2248

### Deuteranopia

78.9542, 5.7849, 21.2986



## Tritanopia

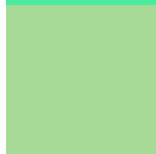
79.6149, -29.2866, -15.1926

# Trichromacy



## Original Color

79.8960, -53.0166, 23.9622



## Protanomaly

77.9115, -29.1102, 25.2186



## Deuteranomaly

77.0396, -21.6697, 20.0621



## Tritanomaly

79.4795, -39.0499, 1.3313

# Monochromacy



## Original Color

79.8960, -53.0166, 23.9622



## Achromatopsia

66.7234, -3.5602, 3.6252



## Achromatomaly

70.1969, -25.1445, 10.2731

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 79.8960, -53.0166, 23.9622 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, 236, 159)` looks like.

```
.text, #text, p{  
    color:rgb(71, 236, 159)  
}
```

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, 236, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 236, 159) }
```

## Border

The CSS property to change the border of an element to HunterLab 79.8960, -53.0166, 23.9622 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, 236, 159) }
```



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

```
.border{ border-color:rgb(71, 236, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 236, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 236, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 236, 159);  
box-shadow:4px 4px 4px 4px rgb(71, 236,  
159) }
```

# Background

The CSS property to change the background color of an element to HunterLab 79.8960, -53.0166, 23.9622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 236, 159) }
```

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

```
.background{ background-color: rgb(71, 236,  
159) }
```

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