

Converting Colors

HunterLab(78.9263, -52.3886,
44.8097)

Have a look what the booklet for
HunterLab(78.9263, -52.3886,
44.8097) contains.

HunterLab(78.9264, -52.3899, 44.8090)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(78.9264,
-52.3899, 44.8090)**

Conversions

Conversions Part 1

Format	Color
Hex	7CE839
RGB	124, 232, 57
RGB Percent	49%, 91%, 22%
CMY	0.5137, 0.0902, 0.7764
CMYK	0.47, 0.00, 0.75, 0.09
HSL	97°, 79%, 57%
HSV	97°, 75%, 91%
XYZ	37.9074, 62.2938, 13.8970
YIQ	179.7580, -8.1930, -77.3210

Conversions

Conversions Part 2

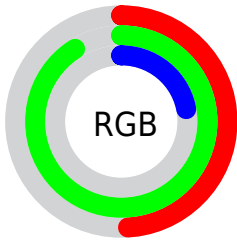
Format	Color
RYB	57, 232, 165
Decimal	8185913
CIELab	83.07, -58.98, 70.11
CIElCh	83, 91.621, 130.073
Yxy	62.2964, 0.3322, 0.5460
Android (android.graphics.Color)	4286375993 (0xFF7CE839)
YUV	179.7580, -60.5197, -48.8998
Hunter-Lab	78.9264, -52.3899, 44.8090

Details

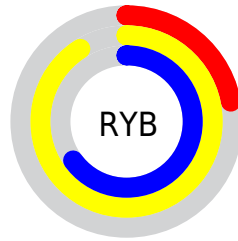
The HunterLab color **78.9264, -52.3899, 44.8090** is a dark color, and the websafe version is hex **66CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **40.9319, 65.9530, -84.2130**, and the grayscale version is **67.7060, -3.6126, 3.6786**.

A 20% lighter version of the original color is **91.0886, -44.4148, 44.5959**, and **56.2322, -43.8285, 33.8827** is the 20% darker color. If you saturate the color by 10%, you get **78.1824, -55.6891, 46.0640**, and if you desaturate by 10%, it is **79.8302, -48.3677, 42.6776**.

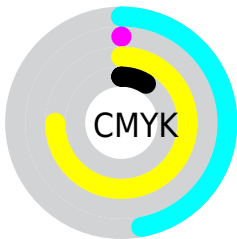
Distribution



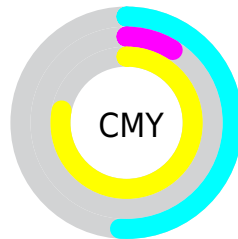
- Red (49%)
- Green (91%)
- Blue (22%)



- Red (22%)
- Yellow (91%)
- Blue (65%)



- Cyan (47%)
- Magenta (0%)
- Yellow (75%)
- Black (9%)





- Cyan (51%)
- Magenta (9%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 78.9264, -52.3899, 44.8090 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 78.9264, -52.3899, 44.8090 by changing the saturation by 10% instead.


 78.9264, -52.3899,
44.8090


 78.9264, -52.3899,
44.8090


208.0893,
-82.3535, 80.6984


 67.2847, -48.5370,
40.1273


 103.9970,
-59.6620, 53.6290

 56.2778, -44.4929,
35.2312


 117.3695,
-63.1248, 57.8108


 45.9468, -40.2118,
30.0995


 131.2705,
-66.4957, 61.8654

 36.3390, -35.6275,
24.9640

 145.6807,
-69.7877, 65.8082

 27.5136, -30.6428,
19.2595

 160.5827,
-73.0113, 69.6524

 19.5475, -25.1101,
13.6833

175.9608,

 12.5458, -21.9552,

-76.1754, 73.4093

8.7821

191.8007,
-79.2874, 77.0884

■ 5.8306, -10.2035,
4.0814

0.0000, NaN, NaN

■ 78.9264, -52.3899,
44.8090

■ 78.9264, -52.3899,
44.8090

■ 78.1824, -55.6891,
46.0640

■ 79.8302, -48.3677,
42.6776

■ 77.5832, -58.2969,
46.5529

■ 80.8953, -43.6061,
39.6000

■ 77.3503, -59.3014,
46.6247

■ 82.1272, -38.1133,
35.5400

■ 83.5277, -31.9109,
30.4864

85.0969, -25.0321,
24.4490

86.8331, -17.5186,
17.4545

88.7336, -9.4181,
9.5425

90.7944, -0.7816,
0.7623

92.6251, 6.2761,
-3.3741

Harmonies

Analogous

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



78.9281, -18.7316, 49.8958



78.9264, -52.3899, 44.8090



78.9281, -70.0013, 27.4442

Triad

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



78.9281, -52.3914, 44.8094



78.9281, -31.4967, -118.1913



78.9281, 99.8379, 17.3331

Complementary

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



78.9264, -52.3899, 44.8090



40.9319, 65.9530, -84.2130

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.



78.9281, 94.2596, -29.0695



78.9264, -52.3899, 44.8090



78.9281, 11.4316, -126.5722

Square

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



78.9281, -52.3914, 44.8094



78.9281, -59.9362, -68.8108



78.9281, 59.2880, -87.7239



78.9281, 73.1631, 40.9510

Rectangle

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



78.9264, -52.3899, 44.8090



78.9281, -73.2375, 4.1924



78.9281, 59.2880, -87.7239



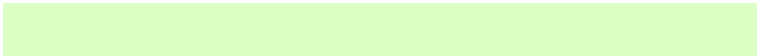
78.9281, 101.7921, 4.4000

Sweetspot

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



78.9281, -52.3914, 44.8094



95.1582, -25.9946, 25.5113



66.5841, 10.7099, 37.7685



43.7139, -13.3793, 13.0311

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



78.9281, -52.3914, 44.8094



86.6096, -63.8339, 51.6978



76.8946, -60.5135, 40.8483



40.4434, -5.8598, 5.9005



57.6898, -43.9406, 34.7789



15.8475, -11.2576, 9.5681

Inverse Universe

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



40.9319, 65.9530, -84.2130



39.9448, 82.5511, -114.3672



49.8160, 79.7109, -41.7177



37.8488, 1.8313, -1.9357



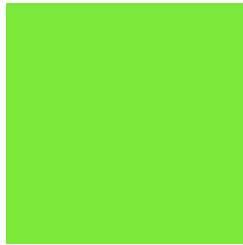
25.6129, 56.4908, -81.3393



7.3333, 15.8177, -20.5264

Previews

White Background



This preview shows how the HunterLab color 78.9264, -52.3899, 44.8090 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 78.9264, -52.3899, 44.8090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

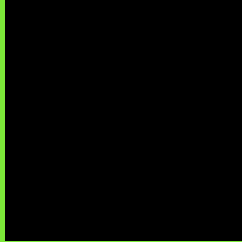
Any Text WCAG AA ✓ Pass

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 78.9264, -52.3899, 44.8090 Background



This preview shows how black text looks on a background with the HunterLab color 78.9264, -52.3899, 44.8090.



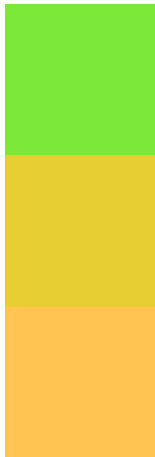
This preview shows how white text looks on a background with the HunterLab color 78.9264, -52.3899, 44.8090.

-52.3899, 44.8090.

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

78.9264, -52.3899, 44.8090

Protanopia

78.3338, -10.3832, 45.8031

Deuteranopia

78.3256, 5.3710, 42.3153



Tritanopia

78.5669, -18.5419, -10.6549

Trichromacy



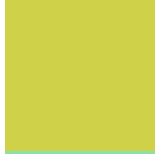
Original Color

78.9264, -52.3899, 44.8090



Protanomaly

77.5012, -28.1113, 44.6870



Deuteranomaly

77.0372, -19.5757, 42.2761



Tritanomaly

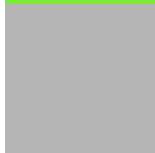
78.0356, -34.6985, 18.5831

Monochromacy



Original Color

78.9264, -52.3899, 44.8090



Achromatopsia

67.5582, -3.6047, 3.6706



Achromatomaly

70.7599, -24.7068, 23.9633

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 78.9264, -52.3899, 44.8090 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(124, 232, 57)` looks like.

```
.text, #text, p{  
    color:rgb(124, 232, 57)  
}
```

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(124, 232, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 232, 57) }
```

Border

The CSS property to change the border of an element to HunterLab 78.9264, -52.3899, 44.8090 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(124, 232, 57) }
```


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

```
.border{ border-color:rgb(124, 232, 57) }
```

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

Here you see how a box with a 4 pixel rgb(124, 232, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 232, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 232, 57);  
box-shadow:4px 4px 4px 4px rgb(124, 232,  
57) }
```

Background

The CSS property to change the background color of an element to HunterLab 78.9264, -52.3899, 44.8090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 232, 57) }
```

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

```
.background{ background-color: rgb(124,  
232, 57) }
```

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