

Converting Colors

HunterLab(77.6766, -49.3411,
23.3301)

Have a look what the booklet for
HunterLab(77.6766, -49.3411,
23.3301) contains.

HunterLab(77.6766, -49.3411, 23.3301)	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(77.6766,
-49.3411, 23.3301)**

Conversions

Conversions Part 1

Format	Color
Hex	55E59B
RGB	85, 229, 155
RGB Percent	33%, 90%, 61%
CMY	0.6667, 0.1019, 0.3921
CMYK	0.63, 0.00, 0.32, 0.10
HSL	149°, 73%, 62%
HSV	149°, 63%, 90%
XYZ	37.6821, 60.3365, 40.6705
YIQ	177.5080, -62.0700, -53.5420

Conversions

Conversions Part 2

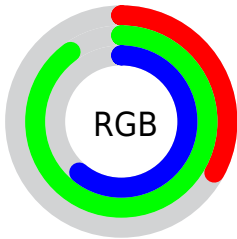
Format	Color
RYB	85, 182, 229
Decimal	5629339
CIELab	82.02, -55.19, 24.97
CIELCh	82, 60.576, 155.660
Yxy	60.3390, 0.2717, 0.4350
Android (android.graphics.Color)	4283819419 (0xFF55E59B)
YUV	177.5080, -11.0964, -81.1295
Hunter-Lab	77.6766, -49.3411, 23.3301

Details

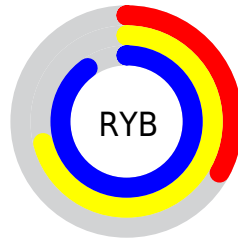
The HunterLab color **77.6766, -49.3411, 23.3301** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **50.6552, 58.7251, -6.1530**, and the grayscale version is **66.5831, -3.5527, 3.6176**.

A 20% lighter version of the original color is **90.7613, -41.9604, 15.3615**, and **55.2126, -41.0129, 19.5242** is the 20% darker color. If you saturate the color by 10%, you get **76.8496, -53.2168, 26.3021**, and if you desaturate by 10%, it is **78.7430, -44.5255, 20.2976**.

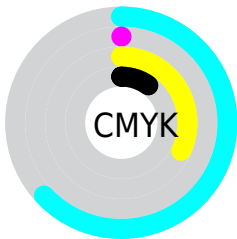
Distribution



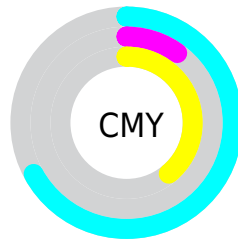
- Red (33%)
- Green (90%)
- Blue (61%)



- Red (33%)
- Yellow (71%)
- Blue (90%)



- Cyan (63%)
- Magenta (0%)
- Yellow (32%)
- Black (10%)





- Cyan (67%)
- Magenta (10%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.6766, -49.3411, 23.3301 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 77.6766, -49.3411, 23.3301 by changing the saturation by 10% instead.


 77.6766, -49.3411,
23.3301


 77.6766, -49.3411,
23.3301


206.3604,
-77.7895, 39.7028

 66.0999, -45.6968,
21.3833


 102.6261,
-56.2256, 27.1026


 55.1619, -41.8748,
19.3779


 115.9419,
-59.5083, 28.9447

 44.9043, -37.8306,
17.2961


 129.7884,
-62.7065, 30.7662

 35.3755, -33.5004,
15.1118

 144.1461,
-65.8325, 32.5718

 26.6363, -28.7895,
12.7862

158.9973,
-68.8962, 34.3654

 18.7658, -23.5516,
10.2639

174.3262,

 11.8731, -20.7779,

-71.9059, 36.1501

8.3112

190.1183,
-74.8684, 37.9285

■ 4.7314, -8.2799,
3.3120

0.0000, NaN, NaN

■ 77.6766, -49.3411,
23.3301

■ 77.6766, -49.3411,
23.3301

■ 76.8496, -53.2168,
26.3021

■ 78.7430, -44.5255,
20.2976

■ 76.2414, -56.1773,
29.1687


■ 80.0541, -38.7745,
17.2448


■ 75.8304, -58.2925,
31.8876

■ 81.6169, -32.1242,
14.2125


■ 75.6278, -59.3998,
33.6990


■ 83.4323, -24.6315,
11.2375

 85.4981, -16.3689,
8.3520

 87.8091, -7.4180,
5.5827

 90.3577, 2.1355,
2.9506

 91.7332, 7.5556,
-1.3472

 91.9353, 8.6339,
-4.2123

Harmonies

Analogous

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



77.6782, -34.5092, 36.5192



77.6766, -49.3411, 23.3301



77.6782, -52.8914, -1.2801

Triad

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



77.6782, -49.3420, 23.3308



77.6782, 1.5210, -70.8456



77.6782, 47.4796, 29.5523

Complementary

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



77.6766, -49.3411, 23.3301



50.6552, 58.7251, -6.1530

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.



77.6782, 60.6894, 9.3605



77.6766, -49.3411, 23.3301



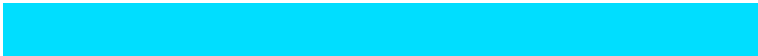
77.6782, 31.7354, -53.5801

Square

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



77.6782, -49.3420, 23.3308



77.6782, -26.1579, -62.6916



77.6782, 54.5370, -21.4404



77.6782, 20.6211, 39.0598

Rectangle

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



77.6766, -49.3411, 23.3301



77.6782, -48.9242, -22.9333



77.6782, 54.5370, -21.4404



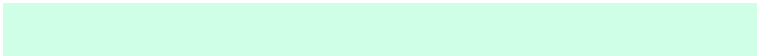
77.6782, 53.8324, 24.1414

Sweetspot

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



77.6782, -49.3420, 23.3308



95.0997, -24.4053, 11.4527



80.0681, -41.9420, 42.2389



43.6968, -12.5043, 5.7366

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.6782, -49.3420, 23.3308



86.6177, -61.0720, 30.5563



79.6847, -37.3510, -5.4125



40.2559, -6.2424, 3.4483



57.2053, -44.7827, 25.1713



15.6107, -11.8016, 5.9642

Inverse Universe

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



50.6552, 58.7251, -6.1530



52.4485, 76.9656, -4.9925



48.8373, 50.8656, 19.9321



38.0671, 2.2401, 0.8862



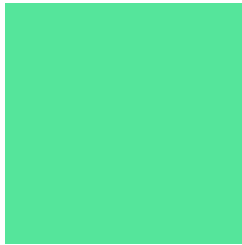
32.0815, 57.3344, 2.1738



8.8279, 15.9735, -0.9266

Previews

White Background



This preview shows how the HunterLab color 77.6766, -49.3411, 23.3301 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 77.6766, -49.3411, 23.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

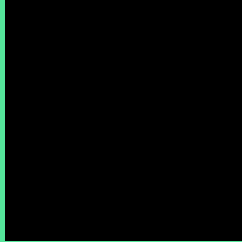
Any Text WCAG AA ✓ Pass

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 77.6766, -49.3411, 23.3301 Background



This preview shows how black text looks on a background with the HunterLab color 77.6766, -49.3411, 23.3301.



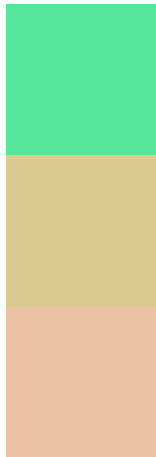
This preview shows how white text looks on a background with the HunterLab color 77.6766,

-49.3411, 23.3301.

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

77.6766, -49.3411, 23.3301

Protanopia

76.8958, -6.9137, 27.2250

Deuteranopia

76.7399, 5.6481, 20.6144



Tritanopia

77.5654, -27.2249, -13.3406

Trichromacy



Original Color

77.6766, -49.3411, 23.3301



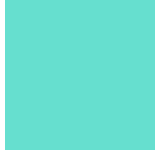
Protanomaly

75.9866, -26.3568, 24.8228



Deuteranomaly

75.4102, -19.5793, 19.9764



Tritanomaly

77.5275, -36.3710, 1.9904

Monochromacy



Original Color

77.6766, -49.3411, 23.3301



Achromatopsia

66.7234, -3.5602, 3.6252



Achromatomaly

69.8313, -23.2211, 10.3338

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.6766, -49.3411, 23.3301 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(85, 229, 155)` looks like.

```
.text, #text, p{  
    color:rgb(85, 229, 155)  
}
```

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(85, 229, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 229, 155) }
```

Border

The CSS property to change the border of an element to HunterLab 77.6766, -49.3411, 23.3301 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(85, 229, 155) }
```


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

```
.border{ border-color:rgb(85, 229, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 229, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 229, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 229, 155);  
box-shadow:4px 4px 4px 4px rgb(85, 229,  
155) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.6766, -49.3411, 23.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 229, 155) }
```

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

```
.background{ background-color: rgb(85, 229,  
155) }
```

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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