

Converting Colors

HunterLab(77.6519, -50.9080,
20.2951)

Have a look what the booklet for
HunterLab(77.6519, -50.9080,
20.2951) contains.

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Color

**HunterLab(77.6518,
-50.8742, 20.1412)**

Conversions

Conversions Part 1

Format	Color
Hex	3EE6A4
RGB	62, 230, 164
RGB Percent	24%, 90%, 64%
CMY	0.7568, 0.0980, 0.3569
CMYK	0.73, 0.00, 0.29, 0.10
HSL	156°, 77%, 57%
HSV	156°, 73%, 90%
XYZ	36.9842, 60.2980, 44.8113
YIQ	172.2440, -78.9420, -56.1420

Conversions

Conversions Part 2

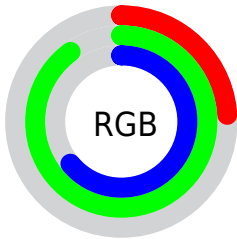
Format	Color
RYB	62, 167, 230
Decimal	4122276
CIELab	82.00, -57.38, 20.20
CIELCh	82, 60.834, 160.607
Yxy	60.3004, 0.2603, 0.4244
Android (android.graphics.Color)	4282312356 (0xFF3EE6A4)
YUV	172.2440, -4.0643, -96.6840
Hunter-Lab	77.6518, -50.8742, 20.1412

Details

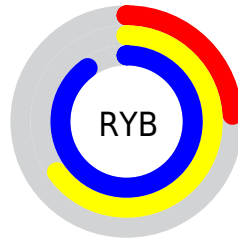
The HunterLab color **77.6518, -50.8742, 20.1412** is a light color, and the websafe version is hex **00CC99**. The color can be described as light washed spring green. A complement of this color would be **46.7206, 64.3916, 3.9969**, and the grayscale version is **64.3720, -3.4347, 3.4975**.

A 20% lighter version of the original color is **90.2551, -43.4235, 10.8295**, and **55.7288, -40.2933, 17.3256** is the 20% darker color. If you saturate the color by 10%, you get **77.0666, -53.6884, 22.7024**, and if you desaturate by 10%, it is **78.4512, -47.2077, 17.6212**.

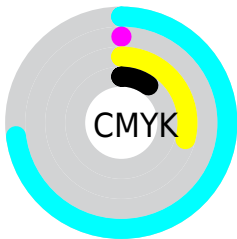
Distribution



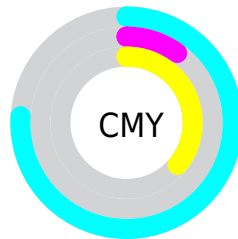
- Red (24%)
- Green (90%)
- Blue (64%)



- Red (24%)
- Yellow (65%)
- Blue (90%)



- Cyan (73%)
- Magenta (0%)
- Yellow (29%)
- Black (10%)



- Cyan (76%)
- Magenta (10%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.6518, -50.8742, 20.1412 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 77.6518, -50.8742, 20.1412 by changing the saturation by 10% instead.

■ 77.6518, -50.8742,
20.1412

■ 77.6518, -50.8742,
20.1412

206.3260,
-80.2425, 34.6126

■ 66.0763, -47.0982,
18.4660

■ 102.5989,
-57.9981, 23.4189

■ 55.1398, -43.1347,
16.7524

■ 115.9135,
-61.3911, 25.0332

■ 44.8836, -38.9369,
14.9873

■ 129.7590,
-64.6944, 26.6377

■ 35.3564, -34.4381,
13.1501

■ 144.1156,
-67.9208, 28.2358

■ 26.6190, -29.5396,
11.2103

158.9658,
-71.0808, 29.8303

■ 18.7503, -24.0900,
9.1192

174.2937,

■ 11.8598, -20.7547,

-74.1832, 31.4234

8.1298

190.0848,
-77.2350, 33.0170

■ 4.7069, -8.2370,
3.2948

0.0000, NaN, NaN

■ 77.6518, -50.8742,
20.1412

■ 77.6518, -50.8742,
20.1412

■ 77.0666, -53.6884,
22.7024

■ 78.4512, -47.2077,
17.6212


■ 76.6675, -55.7195,
25.2586


■ 79.4762, -42.6553,
15.1807


■ 76.4713, -56.7840,
26.9978


■ 80.7391, -37.2186,
12.8568


■ 82.2456, -30.9250,
10.6811

 83.9977, -23.8229,
8.6799

 85.9939, -15.9762,
6.8735

 88.2299, -7.4585,
5.2761

 90.6990, 1.6520,
3.8963

 91.9066, 6.3263,
0.8452

Harmonies

Analogous

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



77.6533, -37.8311, 35.1218



77.6518, -50.8742, 20.1412



77.6533, -52.5489, -6.4156

Triad

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



77.6533, -50.8749, 20.1419



77.6533, 6.6105, -70.0500



77.6533, 43.9621, 31.8558

Complementary

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



77.6518, -50.8742, 20.1412



46.7206, 64.3916, 3.9969

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.



77.6533, 60.0929, 13.5481



77.6518, -50.8742, 20.1412



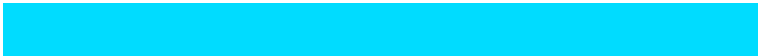
77.6533, 36.4813, -49.1400

Square

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



77.6533, -50.8749, 20.1419



77.6533, -22.1578, -66.1565



77.6533, 57.1669, -15.9867



77.6533, 15.6702, 39.9195

Rectangle

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



77.6518, -50.8742, 20.1412



77.6533, -47.3158, -28.7045



77.6533, 57.1669, -15.9867



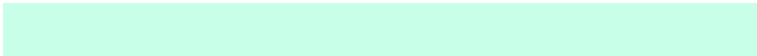
77.6533, 51.1652, 27.0508

Sweetspot

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



77.6533, -50.8749, 20.1419



94.6199, -26.0052, 9.5619



78.5027, -50.4023, 44.0480



43.5112, -13.0882, 4.6954

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.6533, -50.8749, 20.1419



86.3651, -61.7012, 27.0928



73.7759, -32.0477, -15.2665



40.2932, -6.0340, 2.9144



57.5594, -42.5926, 20.0009



15.7047, -11.2223, 4.5962

Inverse Universe

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



46.7206, 64.3916, 3.9969



48.5236, 80.7506, 10.0806



47.6816, 52.3965, 24.6306



38.0280, 2.0303, 1.4427



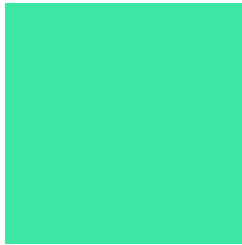
31.5722, 55.4740, 9.5048



8.6859, 15.4578, 1.0936

Previews

White Background



This preview shows how the HunterLab color 77.6518, -50.8742, 20.1412 looks on a white background.

Color Contrast Check

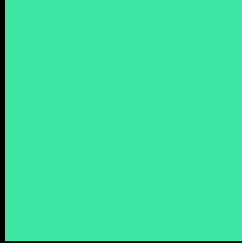
Large Text (above 18pt) WCAG AA × Fail

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 77.6518, -50.8742, 20.1412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

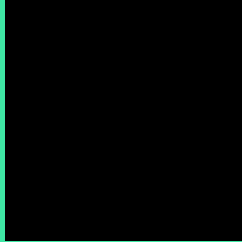
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

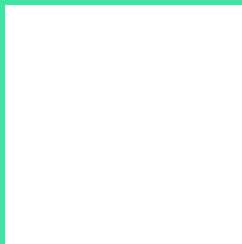
Any Text WCAG AAA ✓ Pass

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

HunterLab 77.6518, -50.8742, 20.1412 Background



This preview shows how black text looks on a background with the HunterLab color 77.6518, -50.8742, 20.1412.



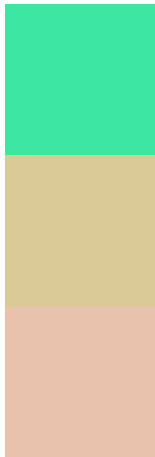
This preview shows how white text looks on a background with the HunterLab color 77.6518,

-50.8742, 20.1412.

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

77.6518, -50.8742, 20.1412

Protanopia

76.9592, -6.3647, 24.7543

Deuteranopia

76.6276, 5.7078, 17.1186



Tritanopia

77.3604, -29.5878, -14.8432

Trichromacy



Original Color

77.6518, -50.8742, 20.1412



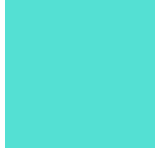
Protanomaly

75.5409, -27.6543, 21.3776



Deuteranomaly

74.8574, -21.1883, 16.0257



Tritanomaly

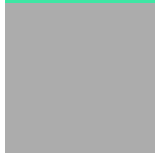
77.3946, -38.4127, -0.1939

Monochromacy



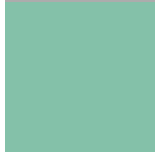
Original Color

77.6518, -50.8742, 20.1412



Achromatopsia

64.2295, -3.4271, 3.4897



Achromatomaly

67.7569, -24.4019, 8.4787

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.6518, -50.8742, 20.1412 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(62, 230, 164)` looks like.

```
.text, #text, p{  
    color:rgb(62, 230, 164)  
}
```

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(62, 230, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 230, 164) }
```

Border

The CSS property to change the border of an element to HunterLab 77.6518, -50.8742, 20.1412 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(62, 230, 164) }
```


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

```
.border{ border-color:rgb(62, 230, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 230, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 230, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 230, 164);  
box-shadow:4px 4px 4px 4px rgb(62, 230,  
164) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.6518, -50.8742, 20.1412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 230, 164) }
```

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

```
.background{ background-color: rgb(62, 230,  
164) }
```

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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