

Converting Colors

HunterLab(64.1109, -53.7674,
38.5636)

Have a look what the booklet for
HunterLab(64.1109, -53.7674,
38.5636) contains.

HunterLab(64.1513, -53.7796, 38.5882)	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(64.1513,
-53.7796, 38.5882)**

Conversions

Conversions Part 1

Format	Color
Hex	20C700
RGB	32, 199, 0
RGB Percent	13%, 78%, 0%
CMY	0.8745, 0.2196, 0.9999
CMYK	0.84, 0.00, 1.00, 0.22
HSL	110°, 100%, 39%
HSV	110°, 100%, 78%
XYZ	21.0190, 41.1539, 6.8357
YIQ	126.3810, -35.6530, -97.2930

Conversions

Conversions Part 2

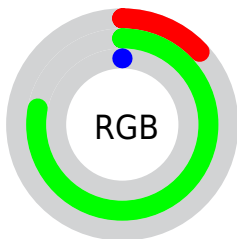
Format	Color
RYB	0, 199, 167
Decimal	2148096
CIELab	70.28, -69.55, 69.27
CIELCh	70, 98.164, 135.114
Yxy	41.1556, 0.3046, 0.5964
Android (android.graphics.Color)	4280338176 (0xFF20C700)
YUV	126.3810, -62.3058, -82.7721
Hunter-Lab	64.1513, -53.7796, 38.5882

Details

The HunterLab color $[64.1513, -53.7796, 38.5882]$ is a dark color, and the websafe version is hex $33CC00$. The color can be described as dark washed green. A complement of this color would be $[35.1323, 71.8987, -68.2835]$, and the grayscale version is $[46.0741, -2.4584, 2.5033]$.

A 20% lighter version of the original color is $[86.9160, -61.9657, 47.2953]$, and $[44.3226, -38.0066, 26.6460]$ is the 20% darker color. If you saturate the color by 10%, you get $[64.1524, -53.7818, 38.5888]$, and if you desaturate by 10%, it is $[64.4549, -52.4177, 38.1936]$.

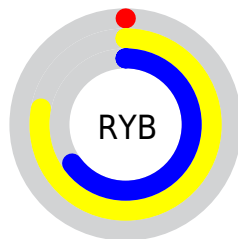
Distribution



Red (13%)

Green (78%)

Blue (0%)



Red (0%)

Yellow (78%)

Blue (65%)

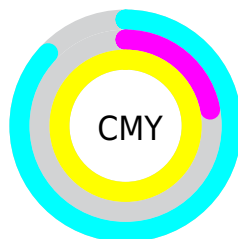


Cyan (84%)

Magenta (0%)

Yellow (100%)

Black (22%)



Cyan (87%)

Magenta (22%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.1513, -53.7796, 38.5882 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 64.1513, -53.7796, 38.5882 by changing the saturation by 10% instead.

■ 64.1513, -53.7796,
38.5882

■ 64.1513, -53.7796,
38.5882

187.3421,
-89.5390, 75.4775

■ 53.3298, -48.9743,
33.6807

■ 87.7041, -62.6858,
47.7703

■ 43.1951, -43.8547,
28.5331

■ 100.3685,
-66.8652, 52.0937

■ 33.7987, -38.3347,
23.6368

■ 113.5899,
-70.9010, 56.2685

■ 25.2041, -32.2887,
17.6429

■ 127.3457,
-74.8142, 60.3131

■ 17.4944, -26.1606,
12.2461

■ 141.6158,
-78.6219, 64.2437

■ 10.7862, -18.8759,
7.5504

■ 156.3825,

■ 1.7757, -3.1074,

-82.3379, 68.0738

1.2430

171.6295,
-85.9737, 71.8150

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.1513, -53.7796,
38.5882

■ 64.1513, -53.7796,
38.5882

■ 64.1524, -53.7818,
38.5888

■ 64.4549, -52.4177,
38.1936

■ 64.9139, -50.3236,
37.2994

■ 65.5518, -47.3982,
35.7308

■ 66.3807, -43.6079,
33.4261

■ 67.4085, -38.9496,

30.3560

■ 68.6392, -33.4453,
26.5181

■ 70.0741, -27.1379,
21.9314

■ 71.7115, -20.0852,
16.6321

■ 73.5476, -12.3554,
10.6689

Harmonies

Analogous

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



64.1526, -24.3862, 42.9263



64.1513, -53.7796, 38.5882



64.1526, -67.2771, 21.1851

Triad

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



64.1526, -53.7805, 38.5884



64.1526, -24.0997, -137.0060



64.1526, 102.7764, 21.4010

Complementary

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



64.1513, -53.7796, 38.5882



35.1323, 71.8987, -68.2835

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.



64.1526, 102.9157, -21.3418



64.1513, -53.7796, 38.5882



64.1526, 20.6261, -136.7804

Square

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



64.1526, -53.7805, 38.5884



64.1526, -53.6207, -85.9810



64.1526, 69.7649, -85.4866



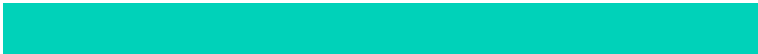
64.1526, 69.4246, 38.6538

Rectangle

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



64.1513, -53.7796, 38.5882



64.1526, -68.6770, -4.2534



64.1526, 69.7649, -85.4866



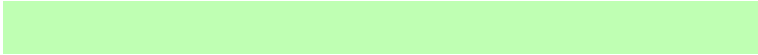
64.1526, 106.9568, 10.3779

Sweetspot

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



64.1526, -53.7805, 38.5884



92.6305, -36.3079, 29.3146



62.7352, -4.0513, 38.5856



42.4665, -18.4986, 14.8098

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.1526, -53.7805, 38.5884



84.8475, -71.3302, 51.0339



64.2232, -52.8612, 33.8401



34.5953, -5.5728, 4.8311



51.4666, -43.0210, 30.9603



11.3167, -8.8634, 6.8182

Inverse Universe

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



35.1323, 71.8987, -68.2835



46.3892, 95.0064, -90.6700



37.1856, 68.2078, -11.0870



32.7521, 2.1397, -1.3546



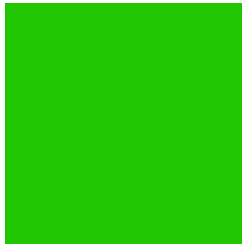
28.2272, 57.7331, -54.5749



6.3326, 12.8273, -11.2763

Previews

White Background



This preview shows how the HunterLab color 64.1513, -53.7796, 38.5882 looks on a white background.

Color Contrast Check

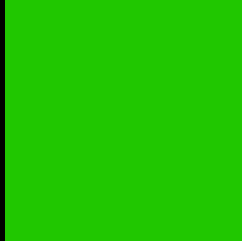
Large Text (above 18pt) WCAG AA × Fail

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 64.1513, -53.7796, 38.5882 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 64.1513, -53.7796, 38.5882 Background



This preview shows how black text looks on a background with the HunterLab color 64.1513, -53.7796, 38.5882.



This preview shows how white text looks on a background with the HunterLab color 64.1513, -53.7796, 38.5882.

-53.7796, 38.5882.

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

64.1513, -53.7796, 38.5882

Protanopia

63.5077, -9.1075, 38.9737

Deuteranopia

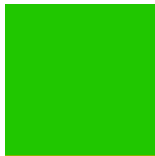
63.4911, 4.4058, 37.0658



Tritanopia

63.9865, -23.2689, -11.6120

Trichromacy



Original Color

64.1513, -53.7796, 38.5882



Protanomaly

61.7382, -31.8421, 37.4854



Deuteranomaly

60.8564, -25.1319, 36.0492



Tritanomaly

62.9191, -40.2391, 19.1455

Monochromacy



Original Color

64.1513, -53.7796, 38.5882



Achromatopsia

45.6768, -2.4372, 2.4817



Achromatomaly

50.6330, -27.7850, 21.8263

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.1513, -53.7796, 38.5882 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(32, 199, 0)` looks like.

```
.text, #text, p{  
  color:rgb(32, 199, 0)  
}
```

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(32, 199, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 199, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 64.1513, -53.7796, 38.5882 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(32, 199, 0) }
```


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

```
.border{ border-color:rgb(32, 199, 0) }
```

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

Here you see how a box with a 4 pixel rgb(32, 199, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 199, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 199, 0);  
box-shadow:4px 4px 4px 4px rgb(32, 199, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 64.1513, -53.7796, 38.5882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 199, 0) }
```

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

```
.background{ background-color: rgb(32, 199,  
0) }
```

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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