

Converting Colors

HunterLab(63.6935, -53.8394,
37.9183)

Have a look what the booklet for
HunterLab(63.6935, -53.8394,
37.9183) contains.

HunterLab(63.6935, -53.8394, 37.9183)	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(63.6935,
-53.8394, 37.9183)**

Conversions

Conversions Part 1

Format	Color
Hex	14C60E
RGB	20, 198, 14
RGB Percent	8%, 78%, 5%
CMY	0.9216, 0.2235, 0.9450
CMYK	0.90, 0.00, 0.93, 0.22
HSL	118°, 87%, 42%
HSV	118°, 93%, 78%
XYZ	20.5618, 40.5686, 7.1623
YIQ	123.8020, -47.0240, -94.9600

Conversions

Conversions Part 2

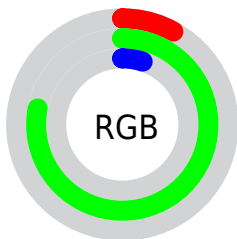
Format	Color
R_{YB}	14, 198, 192
Decimal	1361422
CIE _{Lab}	69.87, -69.99, 67.32
CIE _{LCh}	70, 97.109, 136.113
Yxy	40.5703, 0.3011, 0.5940
Android (android.graphics.Color)	4279551502 (0xFF14C60E)
YUV	123.8020, -54.1324, -91.0344
Hunter-Lab	63.6935, -53.8394, 37.9183

Details

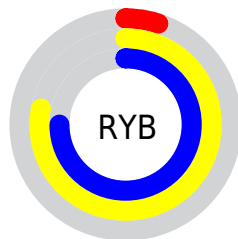
The HunterLab color **63.6935, -53.8394, 37.9183** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **39.4989, 75.9185, -54.5308**, and the grayscale version is **45.0371, -2.4031, 2.4470**.

A 20% lighter version of the original color is **86.8034, -62.3620, 46.6671**, and **43.9841, -37.7164, 26.4425** is the 20% darker color. If you saturate the color by 10%, you get **63.5857, -54.3569, 38.2296**, and if you desaturate by 10%, it is **63.9833, -52.4823, 37.1177**.

Distribution



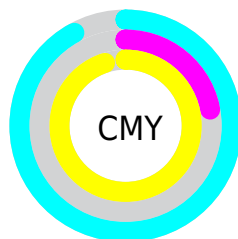
- Red (8%)
- Green (78%)
- Blue (5%)



- Red (5%)
- Yellow (78%)
- Blue (75%)



- Cyan (90%)
- Magenta (0%)
- Yellow (93%)
- Black (22%)





- Cyan (92%)
- Magenta (22%)
- Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.6935, -53.8394, 37.9183 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 63.6935, -53.8394, 37.9183 by changing the saturation by 10% instead.


 63.6935, -53.8394,
37.9183


 63.6935, -53.8394,
37.9183


186.6873,
-89.8452, 73.9293


 52.8994, -48.9931,
33.1242


 87.1959, -62.8154,
46.8807


 42.7939, -43.8271,
28.0895


 99.8369, -67.0254,
51.0996


 33.4292, -38.2534,
23.2233


 113.0358,
-71.0895, 55.1735

 24.8691, -32.1437,
17.4084

 126.7701,
-75.0290, 59.1210

 17.1981, -26.1247,
12.0386

 141.0195,
-78.8615, 62.9578

 10.5343, -18.4349,
7.3740

 155.7660,

0.0000, NaN, NaN

-82.6008, 66.6975

0.0000, NaN, NaN

170.9936,
-86.2588, 70.3514

0.0000, NaN, NaN

■ 63.6935, -53.8394,
37.9183

■ 63.6935, -53.8394,
37.9183

■ 63.5857, -54.3569,
38.2296

■ 63.9833, -52.4823,
37.1177

■ 64.4683, -50.2028,
35.6793

■ 65.1720, -46.9201,
33.5361

■ 66.1097, -42.6001,
30.6570

■ 67.2910, -37.2499,
27.0415

■ 68.7199, -30.9104,
22.7142

■ 70.3966, -23.6492,
17.7195

■ 72.3172, -15.5520,
12.1158

■ 74.4752, -6.7150,
5.9697

Harmonies

Analogous

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



63.6948, -25.3296, 42.5056



63.6935, -53.8394, 37.9183



63.6948, -66.7254, 19.9896

Triad

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



63.6948, -53.8403, 37.9185



63.6948, -22.5573, -135.6996



63.6948, 100.6352, 22.0821

Complementary

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



63.6935, -53.8394, 37.9183



39.4989, 75.9185, -54.5308

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.



63.6948, 101.9783, -19.1693



63.6935, -53.8394, 37.9183



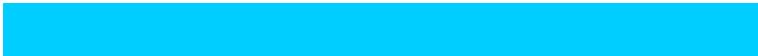
63.6948, 21.9629, -133.5297

Square

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



63.6948, -53.8403, 37.9185



63.6948, -52.2906, -86.7506



63.6948, 70.2166, -81.9901



63.6948, 66.9339, 38.5577

Rectangle

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



63.6935, -53.8394, 37.9183



63.6948, -67.8286, -5.7642



63.6948, 70.2166, -81.9901



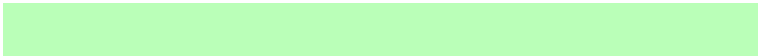
63.6948, 105.1463, 11.4949

Sweetspot

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



63.6948, -53.8403, 37.9185



92.4084, -36.9301, 27.3407



70.4845, -16.5019, 42.7932



42.3181, -18.9795, 13.9494

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.6948, -53.8403, 37.9185



84.6011, -72.3830, 50.8636



64.3437, -49.7092, 27.6967



34.5022, -5.9072, 4.7236



51.2832, -43.8038, 30.8336



11.1855, -9.4195, 6.7276

Inverse Universe

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



39.4989, 75.9185, -54.5308



51.9056, 102.7994, -74.2835



36.7341, 63.9005, -1.0559



32.8609, 2.5045, -1.2098



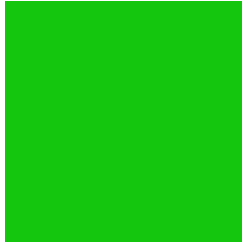
31.4803, 62.3335, -44.9483



6.8911, 13.6231, -9.6698

Previews

White Background



This preview shows how the HunterLab color 63.6935, -53.8394, 37.9183 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 63.6935, -53.8394, 37.9183 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 63.6935, -53.8394, 37.9183 Background



This preview shows how black text looks on a background with the HunterLab color 63.6935, -53.8394, 37.9183.



This preview shows how white text looks on a background with the HunterLab color 63.6935, -53.8394, 37.9183.

-53.8394, 37.9183.

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

63.6935, -53.8394, 37.9183

Protanopia

63.1077, -9.0069, 38.7290

Deuteranopia

63.1073, 4.5671, 36.6339



Tritanopia

63.5105, -23.4662, -11.7181

Trichromacy



Original Color

63.6935, -53.8394, 37.9183



Protanomaly

61.0906, -32.6869, 36.9321



Deuteranomaly

60.1891, -25.9922, 35.1424



Tritanomaly

62.4926, -39.9904, 17.0965

Monochromacy



Original Color

63.6935, -53.8394, 37.9183



Achromatopsia

44.8950, -2.3955, 2.4392



Achromatomaly

49.7511, -27.8483, 20.1732

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.6935, -53.8394, 37.9183 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(20, 198, 14)` looks like.

```
.text, #text, p{  
    color:rgb(20, 198, 14)  
}
```

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(20, 198, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 198, 14) }
```

Border

The CSS property to change the border of an element to HunterLab 63.6935, -53.8394, 37.9183 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(20, 198, 14) }
```


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

```
.border{ border-color:rgb(20, 198, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 198, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 198, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 198, 14);  
box-shadow:4px 4px 4px 4px rgb(20, 198,  
14) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.6935, -53.8394, 37.9183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 198, 14) }
```

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

```
.background{ background-color: rgb(20, 198,  
14) }
```

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