

Converting Colors

HunterLab(75.3914, -52.4116,
39.1525)

Have a look what the booklet for
HunterLab(75.3914, -52.4116,
39.1525) contains.

HunterLab(75.2630, -52.3240, 39.0139)	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(75.2630,
-52.3240, 39.0139)**

Conversions

Conversions Part 1

Format	Color
Hex	64E053
RGB	100, 224, 83
RGB Percent	39%, 88%, 33%
CMY	0.6078, 0.1216, 0.6745
CMYK	0.55, 0.00, 0.63, 0.12
HSL	113°, 69%, 60%
HSV	113°, 63%, 88%
XYZ	33.4725, 56.6452, 17.3530
YIQ	170.8500, -28.6430, -70.1390

Conversions

Conversions Part 2

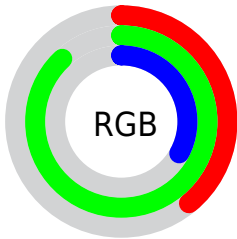
Format	Color
RYB	83, 224, 207
Decimal	6611027
CIELab	79.98, -60.62, 57.05
CIELCh	80, 83.238, 136.737
Yxy	56.6476, 0.3115, 0.5271
Android (android.graphics.Color)	4284801107 (0xFF64E053)
YUV	170.8500, -43.3100, -62.1354
Hunter-Lab	75.2630, -52.3240, 39.0139

Details

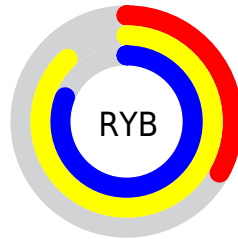
The HunterLab color **75.2630, -52.3240, 39.0139** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **49.8355, 64.2368, -52.0706**, and the grayscale version is **63.9367, -3.4115, 3.4738**.

A 20% lighter version of the original color is **89.9462, -48.3103, 38.9781**, and **53.1652, -44.2076, 31.0225** is the 20% darker color. If you saturate the color by 10%, you get **74.4076, -56.2725, 41.3910**, and if you desaturate by 10%, it is **76.3633, -47.3075, 35.7651**.

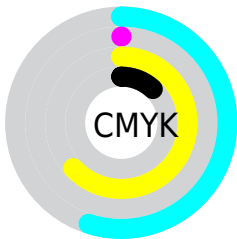
Distribution



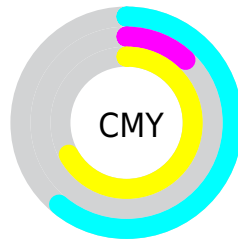
- Red (39%)
- Green (88%)
- Blue (33%)



- Red (33%)
- Yellow (88%)
- Blue (81%)



- Cyan (55%)
- Magenta (0%)
- Yellow (63%)
- Black (12%)





- Cyan (61%)
- Magenta (12%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 75.2630, -52.3240, 39.0139 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 75.2630, -52.3240, 39.0139 by changing the saturation by 10% instead.


 75.2630, -52.3240,
39.0139


 75.2630, -52.3240,
39.0139


203.0092,
-83.2136, 69.2916


 63.8141, -48.3164,
35.0789


 99.9754, -59.8596,
46.4193


 53.0115, -44.0971,
30.9510


 113.1802,
-63.4375, 49.9337

 42.8984, -39.6136,
26.5975


 126.9200,
-66.9148, 53.3461

 33.5254, -34.7892,
21.9982

 141.1749,
-70.3058, 56.6703

 24.9563, -29.5110,
17.4694

155.9267,
-73.6224, 59.9180

 17.2752, -23.7970,
12.0926

171.1593,

 10.5998, -18.5496,

-76.8740, 63.0989

7.4198

186.8579,
-80.0688, 66.2210

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.2630, -52.3240,
39.0139

■ 75.2630, -52.3240,
39.0139

■ 74.4076, -56.2725,
41.3910

■ 76.3633, -47.3075,
35.7651

■ 73.7796, -59.1707,
42.9393

■ 77.7114, -41.2342,
31.6337

■ 73.3620, -61.0844,
43.7460


■ 79.3118, -34.1498,
26.6387


■ 73.1756, -61.9296,
44.0063


■ 81.1638, -26.1223,
20.8209

■ 83.2635, -17.2355,

14.2378

 85.6044, -7.5821,
6.9575

 88.1780, 2.7416,
-0.9467

 90.4398, 11.3625,
-6.0949

Harmonies

Analogous

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



75.2646, -24.9547, 45.9196



75.2630, -52.3240, 39.0139



75.2646, -65.3070, 19.0514

Triad

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



75.2646, -52.3252, 39.0143



75.2646, -20.8990, -107.9067



75.2646, 84.9246, 22.3004

Complementary

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



75.2630, -52.3240, 39.0139



49.8355, 64.2368, -52.0706

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.



75.2646, 86.6494, -14.7400



75.2630, -52.3240, 39.0139



75.2646, 19.4869, -105.3676

Square

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



75.2646, -52.3252, 39.0143



75.2646, -49.8941, -71.2402



75.2646, 60.7323, -65.4652



75.2646, 56.4219, 40.3199

Rectangle

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



75.2630, -52.3240, 39.0139



75.2646, -66.2874, -5.0219



75.2646, 60.7323, -65.4652



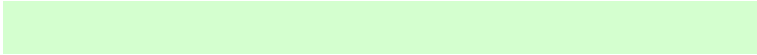
75.2646, 88.8354, 12.2005

Sweetspot

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



75.2646, -52.3252, 39.0143



94.8990, -26.4475, 21.3122



77.6099, -11.1973, 41.3744



43.5904, -13.5747, 10.8465

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.2646, -52.3252, 39.0143



85.8894, -66.5232, 48.6929



75.4280, -50.1730, 27.6682



39.2632, -6.5111, 5.4957



55.8505, -47.1476, 33.5894



14.7939, -12.0310, 8.9053

Inverse Universe

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



49.8355, 64.2368, -52.0706



52.6064, 87.4048, -72.6815



50.0254, 59.8611, -14.5664



37.2121, 2.6287, -1.5412



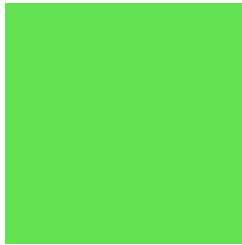
31.7420, 64.2278, -55.9894



8.4990, 17.1096, -14.3121

Previews

White Background



This preview shows how the HunterLab color 75.2630, -52.3240, 39.0139 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 75.2630, -52.3240, 39.0139 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 75.2630, -52.3240, 39.0139 Background



This preview shows how black text looks on a background with the HunterLab color 75.2630, -52.3240, 39.0139.



This preview shows how white text looks on a background with the HunterLab color 75.2630,

-52.3240, 39.0139.

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

75.2630, -52.3240, 39.0139

Protanopia

74.6030, -9.1242, 40.5200

Deuteranopia

74.4335, 5.8411, 37.5326



Tritanopia

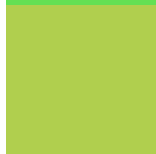
75.0900, -21.7790, -11.4928

Trichromacy



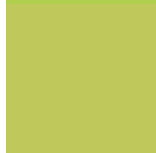
Original Color

75.2630, -52.3240, 39.0139



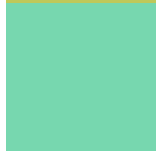
Protanomaly

73.7603, -28.4267, 39.1594



Deuteranomaly

72.8856, -19.8272, 36.6961



Tritanomaly

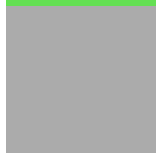
74.5775, -35.6183, 13.0870

Monochromacy



Original Color

75.2630, -52.3240, 39.0139



Achromatopsia

63.8154, -3.4050, 3.4672



Achromatomaly

66.8661, -24.2481, 19.1195

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.2630, -52.3240, 39.0139 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(100, 224, 83)` looks like.

```
.text, #text, p{  
    color:rgb(100, 224, 83)  
}
```

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(100, 224, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 224, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 75.2630, -52.3240, 39.0139 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(100, 224, 83) }
```


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

```
.border{ border-color:rgb(100, 224, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 224, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 224, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 224, 83);  
box-shadow:4px 4px 4px 4px rgb(100, 224,  
83) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.2630, -52.3240, 39.0139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 224, 83) }
```

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

```
.background{ background-color: rgb(100,  
224, 83) }
```

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