

Converting Colors

HunterLab(63.6313, -52.0742,
36.4188)

Have a look what the booklet for
HunterLab(63.6313, -52.0742,
36.4188) contains.

HunterLab(63.6379, -52.0459, 36.4319)	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(63.6379,
-52.0459, 36.4319)**

Conversions

Conversions Part 1

Format	Color
Hex	26C528
RGB	38, 197, 40
RGB Percent	15%, 77%, 16%
CMY	0.8510, 0.2274, 0.8431
CMYK	0.81, 0.00, 0.80, 0.23
HSL	121°, 68%, 46%
HSV	121°, 81%, 77%
XYZ	21.1486, 40.4978, 8.7097
YIQ	131.5610, -44.3670, -82.5350

Conversions

Conversions Part 2

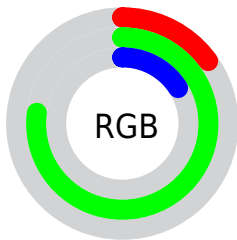
Format	Color
RYB	38, 195, 197
Decimal	2540840
CIELab	69.82, -66.94, 61.79
CIELCh	70, 91.104, 137.290
Yxy	40.4995, 0.3006, 0.5756
Android (android.graphics.Color)	4280730920 (0xFF26C528)
YUV	131.5610, -45.1396, -82.0530
Hunter-Lab	63.6379, -52.0459, 36.4319

Details

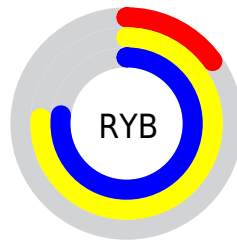
The HunterLab color **63.6379, -52.0459, 36.4319** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **41.4694, 71.9270, -47.0017**, and the grayscale version is **48.0485, -2.5637, 2.6106**.

A 20% lighter version of the original color is **87.1278, -60.7432, 44.7610**, and **43.9841, -37.7164, 26.4425** is the 20% darker color. If you saturate the color by 10%, you get **63.3389, -53.4836, 37.4488**, and if you desaturate by 10%, it is **64.1446, -49.6517, 34.7739**.

Distribution



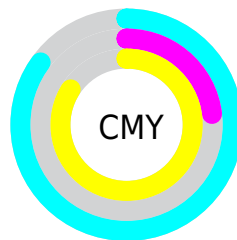
- Red (15%)
- Green (77%)
- Blue (16%)



- Red (15%)
- Yellow (76%)
- Blue (77%)



- Cyan (81%)
- Magenta (0%)
- Yellow (80%)
- Black (23%)





- Cyan (85%)
- Magenta (23%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.6379, -52.0459, 36.4319 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 63.6379, -52.0459, 36.4319 by changing the saturation by 10% instead.


 63.6379, -52.0459,
36.4319


 63.6379, -52.0459,
36.4319


186.6077,
-86.6708, 69.8312


 52.8472, -47.4027,
31.9907


 87.1341, -60.6563,
44.7251


 42.7452, -42.4568,
27.3137


 99.7723, -64.6996,
48.6302

 33.3843, -37.1240,
22.5164


 112.9685,
-68.6058, 52.4039

 24.8285, -31.2801,
17.3799

 126.7001,
-72.3952, 56.0638

 17.1621, -25.3354,
12.0135

 140.9470,
-76.0841, 59.6250

 10.5037, -18.3815,
7.3526

 155.6911,

0.0000, NaN, NaN

-79.6860, 63.0998

0.0000, NaN, NaN

170.9163,
-83.2119, 66.4989

0.0000, NaN, NaN

■ 63.6379, -52.0459,
36.4319

■ 63.6379, -52.0459,
36.4319

■ 63.3389, -53.4836,
37.4488

■ 64.1446, -49.6517,
34.7739

■ 63.1978, -54.1613,
37.9270

■ 64.8783, -46.2176,
32.4242

■ 65.8558, -41.7141,
29.3656

■ 67.0865, -36.1539,
25.6089

■ 68.5743, -29.5849,
21.1880

■ 70.3186, -22.0822,
16.1544

■ 72.3148, -13.7389,
10.5711

■ 74.5554, -4.6578,
4.5073

■ 77.0307, 5.0562,
-1.9668

Harmonies

Analogous

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



63.6392, -25.4145, 41.6715



63.6379, -52.0459, 36.4319



63.6392, -64.0173, 18.0001

Triad

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



63.6392, -52.0468, 36.4321



63.6392, -20.0160, -123.9190



63.6392, 92.0805, 22.1420

Complementary

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



63.6379, -52.0459, 36.4319



41.4694, 71.9270, -47.0017

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.



63.6392, 94.6080, -15.5952



63.6379, -52.0459, 36.4319



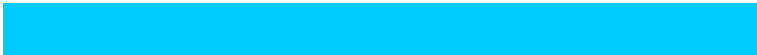
63.6392, 22.0871, -119.9299

Square

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



63.6392, -52.0468, 36.4321



63.6392, -48.9712, -81.3242



63.6392, 66.4628, -72.4935



63.6392, 60.2497, 37.8014

Rectangle

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



63.6379, -52.0459, 36.4319



63.6392, -64.7694, -6.9368



63.6392, 66.4628, -72.4935



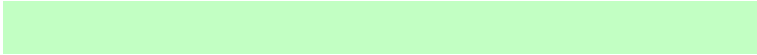
63.6392, 96.6294, 12.3604

Sweetspot

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



63.6392, -52.0468, 36.4321



93.2114, -33.3617, 24.1727



72.0728, -18.7794, 42.5736



42.7358, -17.1066, 12.3053

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.6392, -52.0468, 36.4321



84.6126, -72.3057, 50.6551



64.5310, -46.5233, 23.3438



34.4819, -5.9741, 4.6524



51.2542, -43.9191, 30.7453



11.1564, -9.5350, 6.6388

Inverse Universe

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



41.4694, 71.9270, -47.0017



53.3354, 103.7009, -67.5847



38.1488, 59.3895, -1.8507



32.8850, 2.5779, -1.1209



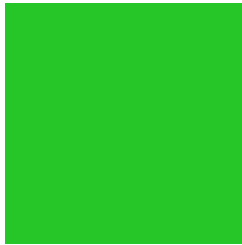
32.2270, 63.1896, -41.1885



7.0180, 13.7689, -9.0327

Previews

White Background



This preview shows how the HunterLab color 63.6379, -52.0459, 36.4319 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 63.6379, -52.0459, 36.4319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

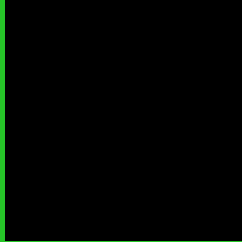
Any Text WCAG AA ✓ Pass

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 63.6379, -52.0459, 36.4319 Background



This preview shows how black text looks on a background with the HunterLab color 63.6379, -52.0459, 36.4319.



This preview shows how white text looks on a background with the HunterLab color 63.6379, -52.0459, 36.4319.

-52.0459, 36.4319.

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

63.6379, -52.0459, 36.4319

Protanopia

62.7956, -8.4197, 37.1884

Deuteranopia

62.9556, 4.2260, 35.2214



Tritanopia

63.2605, -22.8080, -11.4913

Trichromacy



Original Color

63.6379, -52.0459, 36.4319



Protanomaly

61.2523, -30.1693, 35.5996



Deuteranomaly

60.6688, -23.9465, 33.9038



Tritanomaly

62.6032, -37.3703, 14.0559

Monochromacy



Original Color

63.6379, -52.0459, 36.4319



Achromatopsia

48.0354, -2.5630, 2.6099



Achromatomaly

52.2250, -25.8464, 18.3270

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.6379, -52.0459, 36.4319 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(38, 197, 40)` looks like.

```
.text, #text, p{  
    color:rgb(38, 197, 40)  
}
```

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(38, 197, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 197, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 63.6379, -52.0459, 36.4319 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(38, 197, 40) }
```


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

```
.border{ border-color:rgb(38, 197, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 197, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 197, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 197, 40);  
box-shadow:4px 4px 4px 4px rgb(38, 197,  
40) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.6379, -52.0459, 36.4319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 197, 40) }
```

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

```
.background{ background-color: rgb(38, 197,  
40) }
```

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