

Converting Colors

HunterLab(52.3159, -16.1393,
1.2666)

Have a look what the booklet for
HunterLab(52.3159, -16.1393,
1.2666) contains.

HunterLab(52.4739, -16.1679, 1.3246)	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(52.4739,
-16.1679, 1.3246)**

Conversions

Conversions Part 1

Format	Color
Hex	699892
RGB	105, 152, 146
RGB Percent	41%, 60%, 57%
CMY	0.5882, 0.4039, 0.4274
CMYK	0.31, 0.00, 0.04, 0.40
HSL	172°, 19%, 50%
HSV	172°, 31%, 60%
XYZ	22.2423, 27.5351, 31.3367
YIQ	137.2630, -26.0860, -11.8300

Conversions

Conversions Part 2

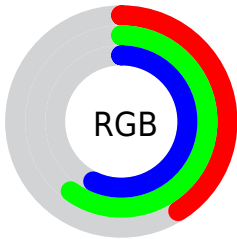
Format	Color
RYB	105, 130, 152
Decimal	6920338
CIELab	59.47, -17.17, -1.93
CIElCh	59, 17.277, 186.418
Yxy	27.5362, 0.2742, 0.3395
Android (android.graphics.Color)	4285110418 (0xFF699892)
YUV	137.2630, 4.3073, -28.2947
Hunter-Lab	52.4739, -16.1679, 1.3246

Details

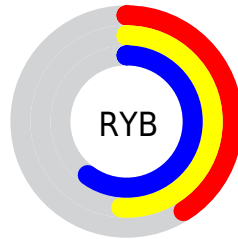
The HunterLab color $[52.4739, -16.1679, 1.3246]$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $[42.3404, 13.8918, 5.2722]$, and the grayscale version is $[50.1123, -2.6739, 2.7227]$.

A 20% lighter version of the original color is $[74.5532, -18.9023, 2.1520]$, and $[33.1121, -12.9841, 0.3610]$ is the 20% darker color. If you saturate the color by 10%, you get $[51.6107, -19.5403, 1.1210]$, and if you desaturate by 10%, it is $[53.4802, -12.3401, 1.7042]$.

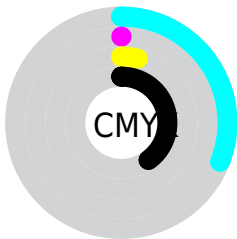
Distribution



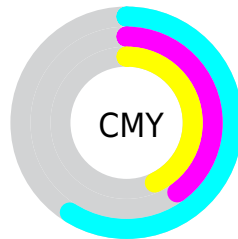
- Red (41%)
- Green (60%)
- Blue (57%)



- Red (41%)
- Yellow (51%)
- Blue (60%)



- Cyan (31%)
- Magenta (0%)
- Yellow (4%)
- Black (40%)



- Cyan (59%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.4739, -16.1679, 1.3246 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 52.4739, -16.1679, 1.3246 by changing the saturation by 10% instead.

■ 52.4739, -16.1679,
1.3246

■ 52.4739, -16.1679,
1.3246

170.3655,
-29.4745, 7.0246

■ 42.3985, -14.6116,
0.8787

■ 74.6613, -19.1905,
2.3474

■ 33.0651, -13.0043,
0.4803

■ 86.6943, -20.6737,
2.9167

■ 24.5394, -11.3219,
0.1358

■ 99.3121, -22.1467,
3.5217

■ 16.9066, -9.5223,
-0.1469

■ 112.4888,
-23.6135, 4.1606

■ 10.2870, -7.9891,
-0.3555

126.2017,
-25.0774, 4.8317

0.0000, NaN, -NF

0.0000, NaN, NaN

140.4305,

-26.5410, 5.5335

0.0000, NaN, NaN

155.1572,
-28.0061, 6.2648

0.0000, NaN, NaN

■ 52.4739, -16.1679,
1.3246

■ 52.4739, -16.1679,
1.3246

■ 51.6107, -19.5403,
1.1210

■ 53.4802, -12.3401,
1.7042

■ 50.8860, -22.4340,
1.0907

■ 54.6261, -8.0843,
2.2546

■ 50.2974, -24.8395,
1.2301

■ 55.9107, -3.4364,
2.9705

■ 49.8390, -26.7594,
1.5306

■ 57.3311, 1.5649,
3.8439

■ 49.5022, -28.2117,
1.9788

■ 58.8830, 6.8795,
4.8650

■ 49.2751, -29.2325,
2.5567

■ 60.5616, 12.4678,
6.0231

■ 49.1321, -29.9076,
3.1511

■ 62.3617, 18.2921,
7.3068

■ 64.2776, 24.3172,
8.7051

■ 66.3034, 30.5115,
10.2069

Harmonies

Analogous

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



52.4750, -15.1812, 7.9732



52.4739, -16.1679, 1.3246



52.4750, -13.7371, -5.8031

Triad

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



52.4750, -16.1686, 1.3253



52.4750, 5.8873, -9.2043



52.4750, 2.9938, 13.7799

Complementary

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



52.4739, -16.1679, 1.3246



42.3404, 13.8918, 5.2722

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.



52.4750, 9.1074, 10.2528



52.4739, -16.1679, 1.3246



52.4750, 10.8414, -2.8340

Square

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



52.4750, -16.1686, 1.3253



52.4750, -1.2075, -12.4008



52.4750, 12.0512, 4.3426



52.4750, -4.3791, 14.5746

Rectangle

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



52.4739, -16.1679, 1.3246



52.4750, -10.4209, -9.6753



52.4750, 12.0512, 4.3426



52.4750, 5.2765, 12.9008

Sweetspot

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



52.4750, -16.1686, 1.3253



72.8578, -9.6983, 3.1458



51.8405, -20.5885, 16.2977



34.6291, -5.0098, 1.4438



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



52.4750, -16.1686, 1.3253



68.9142, -24.5941, 1.5509



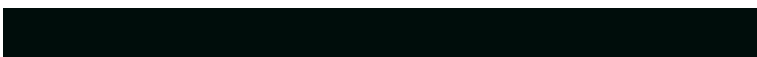
47.4702, -7.3956, -7.9826



26.4820, -3.5376, 1.1418



44.9921, -27.3643, 2.8354



5.5312, -3.1653, -0.0807

Inverse Universe

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



42.3404, 13.8918, 5.2722



52.7408, 23.6502, 7.9759



46.5540, 4.7550, 11.7480



24.9698, 0.9056, 1.7115



23.7499, 40.8550, 13.9308



2.9537, 5.1792, 0.9723

Previews

White Background



This preview shows how the HunterLab color 52.4739, -16.1679, 1.3246 looks on a white background.

Color Contrast Check

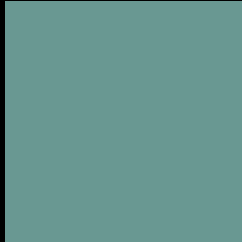
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.4739, -16.1679, 1.3246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

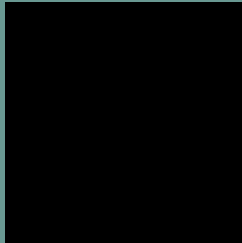
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 52.4739, -16.1679, 1.3246 Background



This preview shows how black text looks on a background with the HunterLab color 52.4739, -16.1679, 1.3246.



This preview shows how white text looks on a background with the HunterLab color 52.4739,

-16.1679, 1.3246.

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

52.4739, -16.1679, 1.3246

Protanopia

52.2977, -1.8891, 4.0643

Deuteranopia

52.1698, 3.9569, -0.0984



Tritanopia

52.6047, -11.5211, -6.3134

Trichromacy



Original Color

52.4739, -16.1679, 1.3246

Protanomaly

52.2839, -7.7793, 3.0605

Deuteranomaly

51.9781, -4.0057, 0.0004

Tritanomaly

52.6514, -13.3114, -3.2077

Monochromacy



Original Color

52.4739, -16.1679, 1.3246

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

50.5959, -7.8793, 1.9647

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.4739, -16.1679, 1.3246 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(105, 152, 146)` looks like.

```
.text, #text, p{  
    color:rgb(105, 152, 146)  
}
```

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(105, 152, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 152, 146) }
```

Border

The CSS property to change the border of an element to HunterLab 52.4739, -16.1679, 1.3246 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(105, 152, 146) }
```


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

```
.border{ border-color:rgb(105, 152, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 152, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 152, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 152, 146);  
box-shadow:4px 4px 4px 4px rgb(105, 152,  
146) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.4739, -16.1679, 1.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 152, 146) }
```

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

```
.background{ background-color: rgb(105,  
152, 146) }
```

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