

Converting Colors

HunterLab(61.8116, -29.7266,
23.4751)

Have a look what the booklet for
HunterLab(61.8116, -29.7266,
23.4751) contains.

HunterLab(61.8373, -29.6316, 23.4409)	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(61.8373,
-29.6316, 23.4409)**

Conversions

Conversions Part 1

Format	Color
Hex	79B56E
RGB	121, 181, 110
RGB Percent	47%, 71%, 43%
CMY	0.5255, 0.2902, 0.5686
CMYK	0.33, 0.00, 0.39, 0.29
HSL	111°, 32%, 57%
HSV	111°, 39%, 71%
XYZ	27.2235, 38.2385, 20.6978
YIQ	154.9660, -12.9690, -34.8010

Conversions

Conversions Part 2

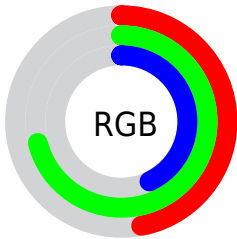
Format	Color
RYB	110, 181, 170
Decimal	7976302
CIELab	68.20, -33.33, 30.17
CIElCh	68, 44.954, 137.847
Yxy	38.2401, 0.3160, 0.4438
Android (android.graphics.Color)	4286166382 (0xFF79B56E)
YUV	154.9660, -22.1682, -29.7882
Hunter-Lab	61.8373, -29.6316, 23.4409

Details

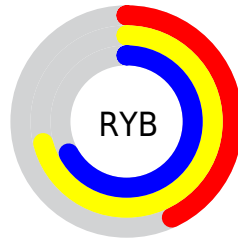
The HunterLab color $61.8373, -29.6316, 23.4409$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $47.9951, 29.4261, -23.9170$, and the grayscale version is $57.3303, -3.0590, 3.1149$.

A 20% lighter version of the original color is $85.0241, -34.4062, 27.9526$, and $41.2801, -24.6069, 18.6648$ is the 20% darker color. If you saturate the color by 10%, you get $60.7177, -34.6389, 26.9424$, and if you desaturate by 10%, it is $63.1424, -23.9118, 19.2801$.

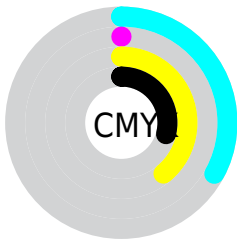
Distribution



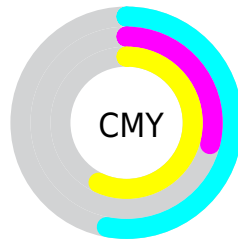
- Red (47%)
- Green (71%)
- Blue (43%)



- Red (43%)
- Yellow (71%)
- Blue (67%)



- Cyan (33%)
- Magenta (0%)
- Yellow (39%)
- Black (29%)



- Cyan (53%)
- Magenta (29%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.8373, -29.6316, 23.4409 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 61.8373, -29.6316, 23.4409 by changing the saturation by 10% instead.

■ 61.8373, -29.6316,
23.4409

■ 61.8373, -29.6316,
23.4409

184.0242,
-49.5840, 42.3419

■ 51.1558, -27.1354,
21.0724

■ 85.1329, -34.3730,
27.9330

■ 41.1706, -24.5191,
18.5889

■ 97.6779, -36.6499,
30.0889

■ 31.9359, -21.7438,
15.9541

■ 110.7850,
-38.8804, 32.2006

■ 23.5183, -18.7470,
13.1159

■ 124.4309,
-41.0731, 34.2766

■ 16.0066, -15.4240,
10.8926

138.5953,
-43.2348, 36.3238

■ 9.5271, -15.7549,
6.6690

153.2597,

0.0000, NaN, NaN

-45.3710, 38.3475

0.0000, NaN, NaN

168.4076,
-47.4862, 40.3524

0.0000, NaN, NaN

■ 61.8373, -29.6316,
23.4409

■ 61.8373, -29.6316,
23.4409

■ 60.7177, -34.6389,
26.9424

■ 63.1424, -23.9118,
19.2801

■ 59.7789, -38.8906,
29.7638

■ 64.6276, -17.5289,
14.4922

■ 59.0189, -42.3658,
31.9053


■ 66.2904, -10.5457,
9.1216


■ 58.4308, -45.0650,
33.3893


■ 68.1258, -3.0282,
3.2191


■ 58.0044, -47.0150,
34.2661


■ 70.1275, 4.9566,
-3.1615


 57.7207, -48.2991,
34.6804

 72.2885, 13.3439,
-9.9660

 57.7033, -48.3786,
34.7096

 74.6009, 22.0730,
-17.1423

 77.0570, 31.0886,
-24.6412

 78.4406, 35.2533,
-22.5581

Harmonies

Analogous

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



61.8386, -14.8032, 29.2849



61.8373, -29.6316, 23.4409



61.8386, -36.9869, 10.6760

Triad

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



61.8386, -29.6328, 23.4414



61.8386, -11.2986, -44.9730



61.8386, 38.3555, 13.6875

Complementary

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



61.8373, -29.6316, 23.4409



47.9951, 29.4261, -23.9170

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.



61.8386, 39.6115, -4.9620



61.8373, -29.6316, 23.4409



61.8386, 9.1047, -43.3649

Square

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



61.8386, -29.6328, 23.4414



61.8386, -27.3528, -30.9234



61.8386, 28.3353, -27.0548



61.8386, 25.0972, 25.0315

Rectangle

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



61.8373, -29.6316, 23.4409



61.8386, -37.3792, -1.9142



61.8386, 28.3353, -27.0548



61.8386, 40.2519, 8.2181

Sweetspot

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



61.8386, -29.6328, 23.4414



88.0265, -16.9706, 14.4218



62.7610, -7.1838, 24.6106



40.7902, -8.4493, 7.1365



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



61.8386, -29.6328, 23.4414



81.4562, -45.4508, 35.4358



61.7061, -29.2008, 15.9567



30.9050, -4.9463, 4.2759



47.9302, -40.0784, 28.8327



8.6158, -6.6277, 5.1930

Inverse Universe

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



47.9951, 29.4261, -23.9170



59.4195, 49.0964, -40.6505



48.3967, 28.7117, -8.9385



29.2895, 1.8748, -1.1625



26.4396, 53.9771, -50.3444



4.8772, 9.8360, -8.3499

Previews

White Background



This preview shows how the HunterLab color 61.8373, -29.6316, 23.4409 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 61.8373, -29.6316, 23.4409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

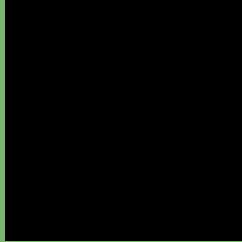
Any Text WCAG AA ✓ Pass

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 61.8373, -29.6316, 23.4409 Background



This preview shows how black text looks on a background with the HunterLab color 61.8373, -29.6316, 23.4409.



This preview shows how white text looks on a background with the HunterLab color 61.8373,

-29.6316, 23.4409.

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

61.8373, -29.6316, 23.4409

Protanopia

61.6240, -6.5848, 25.2565

Deuteranopia

61.2877, 4.4328, 22.1518



Tritanopia

61.7402, -11.3453, -6.7654

Trichromacy



Original Color

61.8373, -29.6316, 23.4409

Protanomaly

61.2677, -15.5544, 24.2851

Deuteranomaly

60.7451, -9.3948, 22.0178

Tritanomaly

61.4782, -18.8720, 6.3558

Monochromacy



Original Color

61.8373, -29.6316, 23.4409

Achromatopsia

57.2519, -3.0548, 3.1106

Achromatomaly

58.5275, -13.1742, 11.0894

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.8373, -29.6316, 23.4409 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(121, 181, 110)` looks like.

```
.text, #text, p{  
    color:rgb(121, 181, 110)  
}
```

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(121, 181, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 181, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 61.8373, -29.6316, 23.4409 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(121, 181, 110) }
```


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

```
.border{ border-color:rgb(121, 181, 110) }
```

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

Here you see how a box with a 4 pixel rgb(121, 181, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 181, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 181, 110);  
box-shadow:4px 4px 4px 4px rgb(121, 181,  
110) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.8373, -29.6316, 23.4409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 181, 110) }
```

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

```
.background{ background-color: rgb(121,  
181, 110) }
```

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