

Converting Colors

HunterLab(38.5990, -30.1761,
23.6293)

Have a look what the booklet for
HunterLab(38.5990, -30.1761,
23.6293) contains.

HunterLab(38.5833, -29.9451, 23.2506)	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(38.5833,
-29.9451, 23.2506)**

Conversions

Conversions Part 1

Format	Color
Hex	297C00
RGB	41, 124, 0
RGB Percent	16%, 49%, 0%
CMY	0.8392, 0.5137, 1.0000
CMYK	0.67, 0.00, 1.00, 0.51
HSL	100°, 100%, 24%
HSV	100°, 100%, 49%
XYZ	8.1221, 14.8867, 2.4454
YIQ	85.0470, -9.6640, -56.1600

Conversions

Conversions Part 2

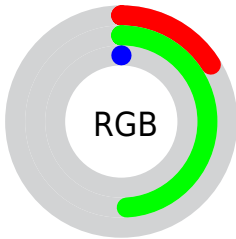
Format	Color
RYB	0, 124, 83
Decimal	2718720
CIELab	45.48, -44.76, 49.57
CIELCh	45, 66.789, 132.083
Yxy	14.8873, 0.3191, 0.5848
Android (android.graphics.Color)	4280908800 (0xFF297C00)
YUV	85.0470, -41.9282, -38.6292
Hunter-Lab	38.5833, -29.9451, 23.2506

Details

The HunterLab color $[38.5833, -29.9451, 23.2506]$ is a dark color, and the websafe version is hex 006600 . A complement of this color would be $[18.1521, 39.1005, -50.4172]$, and the grayscale version is $[30.3089, -1.6172, 1.6467]$.

A 20% lighter version of the original color is $[58.6991, -36.5377, 30.7805]$, and $[22.1304, -18.9768, 13.3044]$ is the 20% darker color. If you saturate the color by 10%, you get $[38.5839, -29.9465, 23.2510]$, and if you desaturate by 10%, it is $[38.8638, -28.7050, 22.8943]$.

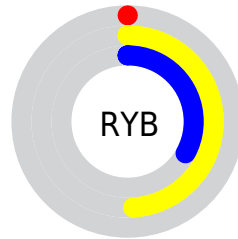
Distribution



Red (16%)

Green (49%)

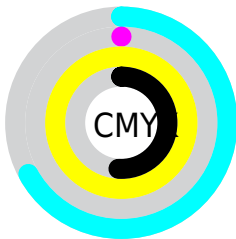
Blue (0%)



Red (0%)

Yellow (49%)

Blue (33%)

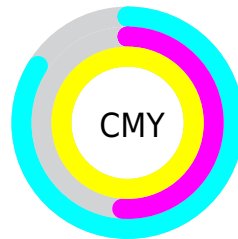


Cyan (67%)

Magenta (0%)

Yellow (100%)

Black (51%)



Cyan (84%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.5833, -29.9451, 23.2506 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 38.5833, -29.9451, 23.2506 by changing the saturation by 10% instead.

■ 38.5833, -29.9451,
23.2506

■ 38.5833, -29.9451,
23.2506

149.2258,
-56.5530, 53.2227

■ 29.5641, -26.2226,
19.0681

■ 58.8689, -36.6730,
30.9081

■ 21.3827, -22.1375,
14.9679

■ 70.0324, -39.7857,
34.4452

■ 14.1369, -17.9711,
9.8958

■ 81.8240, -42.7770,
37.8314

■ 7.7885, -13.6300,
5.4520

■ 94.2119, -45.6699,
41.0917

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.1686,
-48.4817, 44.2463


0.0000, NaN, NaN


■ 120.6702,


0.0000, NaN, NaN


-51.2261, 47.3112


0.0000, NaN, NaN


 134.6956,
-53.9136, 50.2998


 38.5833, -29.9451,
23.2506


 38.5833, -29.9451,
23.2506


 38.5839, -29.9465,
23.2510

 38.8638, -28.7050,
22.8943

 39.2083, -27.1713,
22.3099

 39.6304, -25.2787,
21.3332

 40.1332, -23.0211,
19.9339

 40.7189, -20.4012,
18.0957

■ 41.3885, -17.4290,
15.8136

■ 42.1420, -14.1204,
13.0919

■ 42.9789, -10.4957,
9.9426

■ 43.8977, -6.5781,
6.3834

Harmonies

Analogous

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



38.5841, -11.8850, 25.6012



38.5833, -29.9451, 23.2506



38.5841, -38.7653, 13.9587

Triad

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



38.5841, -29.9457, 23.2507



38.5841, -16.1374, -74.9286



38.5841, 59.2469, 10.7137

Complementary

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



38.5833, -29.9451, 23.2506



18.1521, 39.1005, -50.4172

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.



38.5841, 57.2322, -15.3736



38.5833, -29.9451, 23.2506



38.5841, 8.8567, -78.1345

Square

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



38.5841, -29.9457, 23.2507



38.5841, -32.3525, -44.6583



38.5841, 37.0311, -51.7331



38.5841, 41.9736, 22.2064

Rectangle

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



38.5833, -29.9451, 23.2506



38.5841, -40.1119, 0.3490



38.5841, 37.0311, -51.7331



38.5841, 60.9071, 3.7730

Sweetspot

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



38.5841, -29.9457, 23.2507



55.8273, -19.0608, 17.6454



32.2825, 6.4333, 20.0045



26.9192, -10.0106, 9.1983



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



38.5841, -29.9457, 23.2507



51.1150, -40.0106, 30.7964



38.0380, -32.1204, 21.7952



21.2329, -2.9911, 2.9104



38.9003, -30.2006, 23.4415



84.7134, -66.9992, 51.0271

Inverse Universe

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



18.1521, 39.1005, -50.4172



23.9171, 51.6658, -67.5440



22.9597, 43.6118, -18.4547



20.0357, 0.8575, -0.7874



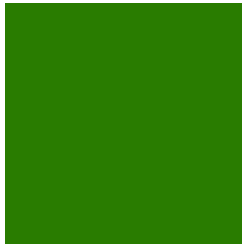
18.2969, 39.4192, -50.8524



39.3586, 85.3319, -113.5505

Previews

White Background



This preview shows how the HunterLab color 38.5833, -29.9451, 23.2506 looks on a white 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

Black Background



This preview shows how the HunterLab color 38.5833, -29.9451, 23.2506 looks on a black 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

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

HunterLab 38.5833, -29.9451, 23.2506 Background



This preview shows how black text looks on a background with the HunterLab color 38.5833, -29.9451, 23.2506.



This preview shows how white text looks on a background with the HunterLab color 38.5833,

-29.9451, 23.2506.

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

38.5833, -29.9451, 23.2506

Protanopia

38.1842, -5.3834, 23.4347

Deuteranopia

38.3774, 2.2794, 22.1780



Tritanopia

38.5125, -12.0253, -6.3487

Trichromacy



Original Color

38.5833, -29.9451, 23.2506

Protanomaly

37.5307, -16.6017, 22.8356

Deuteranomaly

37.3618, -12.6195, 21.9597

Tritanomaly

37.9168, -21.3617, 11.1227

Monochromacy



Original Color

38.5833, -29.9451, 23.2506

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

32.3345, -14.7300, 13.2671

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.5833, -29.9451, 23.2506 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(41, 124, 0)` looks like.

```
.text, #text, p{  
    color:rgb(41, 124, 0)  
}
```

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(41, 124, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 124, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 38.5833, -29.9451, 23.2506 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(41, 124, 0) }
```


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

```
.border{ border-color:rgb(41, 124, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 124, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 124, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 124, 0);  
box-shadow:4px 4px 4px 4px rgb(41, 124, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 38.5833, -29.9451, 23.2506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 124, 0) }
```

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

```
.background{ background-color: rgb(41, 124,  
0) }
```

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