

Converting Colors

HunterLab(37.7132, -30.4004,
18.4896)

Have a look what the booklet for
HunterLab(37.7132, -30.4004,
18.4896) contains.

HunterLab(37.5823, -30.2773, 18.3853)	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(37.5823,
-30.2773, 18.3853)**

Conversions

Conversions Part 1

Format	Color
Hex	007A2F
RGB	0, 122, 47
RGB Percent	0%, 48%, 18%
CMY	1.0000, 0.5216, 0.8157
CMYK	1.00, 0.00, 0.61, 0.52
HSL	143°, 100%, 24%
HSV	143°, 100%, 48%
XYZ	7.4726, 14.1243, 5.0217
YIQ	76.9720, -48.6370, -49.1890

Conversions

Conversions Part 2

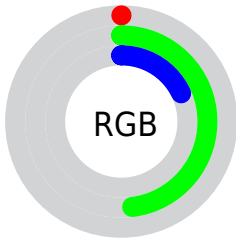
Format	Color
RYB	0, 88, 122
Decimal	31279
CIELab	44.41, -46.19, 32.43
CIELCh	44, 56.442, 144.927
Yxy	14.1249, 0.2807, 0.5306
Android (android.graphics.Color)	4278221359 (0xFF007A2F)
YUV	76.9720, -14.7762, -67.5044
Hunter-Lab	37.5823, -30.2773, 18.3853

Details

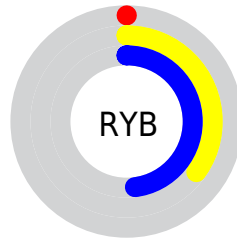
The HunterLab color $[37.5823, -30.2773, 18.3853]$ is a dark color, and the websafe version is hex 006600 . A complement of this color would be $[21.5541, 39.2686, -4.3424]$, and the grayscale version is $[27.2967, -1.4565, 1.4831]$.

A 20% lighter version of the original color is $[57.8558, -37.3915, 23.6552]$, and $[21.5284, -18.4606, 12.9425]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.5830, -30.2778, 18.3856]$, and if you desaturate by 10%, it is $[37.7761, -29.2894, 17.1895]$.

Distribution



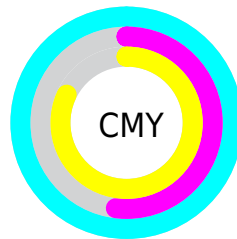
- Red (0%)
- Green (48%)
- Blue (18%)



- Red (0%)
- Yellow (35%)
- Blue (48%)



- Cyan (100%)
- Magenta (0%)
- Yellow (61%)
- Black (52%)



- Cyan (100%)
- Magenta (52%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5823, -30.2773, 18.3853 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 37.5823, -30.2773, 18.3853 by changing the saturation by 10% instead.

■ 37.5823, -30.2773,
18.3853

■ 37.5823, -30.2773,
18.3853

147.6504,
-57.7067, 39.5134

■ 28.6488, -26.4059,
15.4986

■ 57.7152, -37.2472,
23.6500

■ 20.5622, -22.1430,
12.4470

■ 68.8095, -40.4625,
26.1035

■ 13.4236, -18.3218,
9.3965

■ 80.5356, -43.5475,
28.4715

■ 6.9884, -12.2297,
4.8919

■ 92.8612, -46.5271,
30.7713

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.7584,
-49.4197, 33.0161

0.0000, NaN, NaN

■ 119.2029,

0.0000, NaN, NaN

-52.2400, 35.2162

0.0000, NaN, NaN

133.1732,
-54.9993, 37.3798

■ 37.5823, -30.2773,
18.3853

■ 37.5823, -30.2773,
18.3853

■ 37.5830, -30.2778,
18.3856

■ 37.7761, -29.2894,
17.1895

■ 38.0350, -28.0046,
15.8419

■ 38.3947, -26.2863,
14.3773

■ 38.8633, -24.1172,
12.8129

■ 39.4459, -21.4959,
11.1674

■ 40.1457, -18.4345,
9.4603

■ 40.9638, -14.9560,
7.7115

■ 41.8997, -11.0916,
5.9400

■ 42.9516, -6.8776,
4.1632

Harmonies

Analogous

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



37.5831, -17.9347, 23.1164



37.5823, -30.2773, 18.3853



37.5831, -35.0327, 5.3690

Triad

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



37.5831, -30.2777, 18.3855



37.5831, -5.6039, -62.2646



37.5831, 43.4685, 15.1618

Complementary

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



37.5823, -30.2773, 18.3853



21.5541, 39.2686, -4.3424

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.



37.5831, 48.8522, -1.6117



37.5823, -30.2773, 18.3853



37.5831, 17.1129, -54.1789

Square

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



37.5831, -30.2777, 18.3855



37.5831, -22.9885, -46.6678



37.5831, 38.3028, -28.4086



37.5831, 24.9089, 22.1266

Rectangle

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



37.5823, -30.2773, 18.3853



37.5831, -34.2660, -9.5984



37.5831, 38.3028, -28.4086



37.5831, 47.0335, 10.8535

Sweetspot

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



37.5831, -30.2777, 18.3855



54.2489, -20.1890, 10.3976



39.2746, -23.8273, 23.7837



25.7592, -10.4190, 5.3471



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



37.5831, -30.2777, 18.3855



49.8235, -40.3166, 24.7569



38.7265, -23.2723, 1.8336



21.1499, -3.1783, 1.9642



38.5605, -31.0794, 18.8943



84.1259, -68.4551, 42.6248

Inverse Universe

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



21.5541, 39.2686, -4.3424



28.5410, 51.9138, -5.0953



20.4208, 35.1294, 11.9676



20.1310, 1.0553, 0.2999



22.1120, 40.2786, -4.4031



48.1172, 87.3338, -7.1375

Previews

White Background



This preview shows how the HunterLab color 37.5823, -30.2773, 18.3853 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 37.5823, -30.2773, 18.3853 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 37.5823, -30.2773, 18.3853 Background



This preview shows how black text looks on a background with the HunterLab color 37.5823, -30.2773, 18.3853.



This preview shows how white text looks on a background with the HunterLab color 37.5823, -30.2773, 18.3853.

-30.2773, 18.3853.

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

37.5823, -30.2773, 18.3853

Protanopia

37.4863, -4.6240, 19.5534

Deuteranopia

37.4804, 2.3999, 17.6164



Tritanopia

37.6070, -13.9712, -7.1346

Trichromacy



Original Color

37.5823, -30.2773, 18.3853

Protanomaly

36.0646, -18.7507, 17.9772

Deuteranomaly

35.7183, -15.3324, 16.5422

Tritanomaly

37.2269, -21.8121, 4.9322

Monochromacy



Original Color

37.5823, -30.2773, 18.3853

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

29.7910, -15.1990, 7.8330

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5823, -30.2773, 18.3853 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(0, 122, 47)` looks like.

```
.text, #text, p{  
    color:rgb(0, 122, 47)  
}
```

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(0, 122, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 122, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5823, -30.2773, 18.3853 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(0, 122, 47) }
```


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

```
.border{ border-color:rgb(0, 122, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 122, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 122, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 122, 47);  
box-shadow:4px 4px 4px 4px rgb(0, 122, 47)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.5823, -30.2773, 18.3853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 122, 47) }
```

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

```
.background{ background-color: rgb(0, 122,  
47) }
```

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