

Converting Colors

HunterLab(37.6520, -30.7768,
19.3764)

Have a look what the booklet for
HunterLab(37.6520, -30.7768,
19.3764) contains.

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Color

**HunterLab(37.5222,
-30.6521, 19.2696)**

Conversions

Conversions Part 1

Format	Color
Hex	007A29
RGB	0, 122, 41
RGB Percent	0%, 48%, 16%
CMY	1.0000, 0.5216, 0.8392
CMYK	1.00, 0.00, 0.66, 0.52
HSL	140°, 100%, 24%
HSV	140°, 100%, 48%
XYZ	7.3598, 14.0792, 4.4274
YIQ	76.2880, -46.7110, -51.0550

Conversions

Conversions Part 2

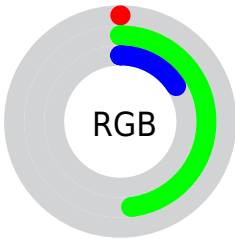
Format	Color
RYB	0, 91, 122
Decimal	31273
CIELab	44.35, -47.00, 35.27
CIELCh	44, 58.762, 143.114
Yxy	14.0797, 0.2845, 0.5443
Android (android.graphics.Color)	4278221353 (0xFF007A29)
YUV	76.2880, -17.3970, -66.9046
Hunter-Lab	37.5222, -30.6521, 19.2696

Details

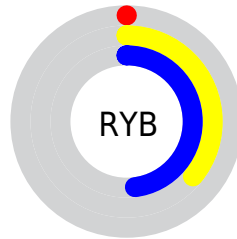
The HunterLab color $[37.5222, -30.6521, 19.2696]$ is a dark color, and the websafe version is hex 006600 . A complement of this color would be $[21.7529, 39.9831, -7.1147]$, and the grayscale version is $[27.0598, -1.4438, 1.4702]$.

A 20% lighter version of the original color is $[57.8001, -37.8024, 25.0322]$, and $[21.5284, -18.4606, 12.9425]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.5229, -30.6527, 19.2699]$, and if you desaturate by 10%, it is $[37.7119, -29.6879, 18.1320]$.

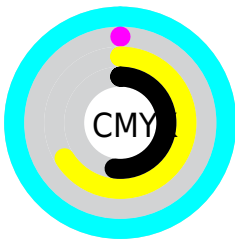
Distribution



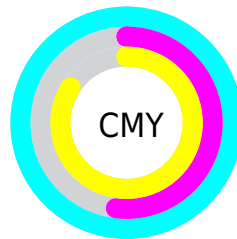
- Red (0%)
- Green (48%)
- Blue (16%)



- Red (0%)
- Yellow (36%)
- Blue (48%)



- Cyan (100%)
- Magenta (0%)
- Yellow (66%)
- Black (52%)



- Cyan (100%)
- Magenta (52%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5222, -30.6521, 19.2696 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 37.5222, -30.6521, 19.2696 by changing the saturation by 10% instead.

■ 37.5222, -30.6521,
19.2696

■ 37.5222, -30.6521,
19.2696

147.5555,
-58.4940, 41.8644

■ 28.5940, -26.7132,
16.1532

■ 57.6458, -37.7375,
24.9398

■ 20.5131, -22.3732,
13.0038

■ 68.7360, -41.0034,
27.5737

■ 13.3810, -18.5837,
9.3667

■ 80.4581, -44.1356,
30.1100

■ 6.9372, -12.1401,
4.8560

■ 92.7800, -47.1593,
32.5680

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.6735,
-50.0937, 34.9620

0.0000, NaN, NaN

■ 119.1146,

0.0000, NaN, NaN

-52.9535, 37.3037

0.0000, NaN, NaN

133.0816,
-55.7505, 39.6021

■ 37.5222, -30.6521,
19.2696

■ 37.5222, -30.6521,
19.2696

■ 37.5229, -30.6527,
19.2699

■ 37.7119, -29.6879,
18.1320

■ 37.9687, -28.4135,
16.8127

■ 38.3286, -26.6910,
15.3433

■ 38.7996, -24.5025,
13.7397

■ 39.3871, -21.8471,
12.0201

■ 40.0942, -18.7376,
10.2046

■ 40.9220, -15.1983,
8.3143

■ 41.8698, -11.2619,
6.3699

■ 42.9357, -6.9665,
4.3913

Harmonies

Analogous

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



37.5230, -17.4832, 23.5776



37.5222, -30.6521, 19.2696



37.5230, -35.9489, 6.6376

Triad

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



37.5230, -30.6526, 19.2698



37.5230, -7.0382, -65.8189



37.5230, 46.4923, 14.8459

Complementary

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



37.5222, -30.6521, 19.2696



21.7529, 39.9831, -7.1147

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.



37.5230, 51.1534, -3.2191



37.5222, -30.6521, 19.2696



37.5230, 16.4789, -58.7067

Square

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



37.5230, -30.6526, 19.2698



37.5230, -24.5478, -47.8450



37.5230, 39.1145, -31.8864



37.5230, 27.5623, 22.2735

Rectangle

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



37.5222, -30.6521, 19.2696



37.5230, -35.4564, -8.5135



37.5230, 39.1145, -31.8864



37.5230, 49.9377, 10.2121

Sweetspot

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



37.5230, -30.6526, 19.2698



54.1924, -20.5169, 11.2122



39.6028, -22.5106, 24.0089



25.7300, -10.5894, 5.7686



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.



37.5230, -30.6526, 19.2698



49.7455, -40.8033, 25.9051



38.5647, -24.2494, 4.1451



21.1427, -3.2182, 2.0664



38.4989, -31.4633, 19.7998



83.9983, -69.2518, 44.5041

Inverse Universe

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



21.7529, 39.9831, -7.1147



28.8071, 52.8712, -8.8123



20.4682, 35.3046, 11.2678



20.1388, 1.0969, 0.1896



22.3161, 41.0127, -7.2509



48.5718, 88.9712, -13.5009

Previews

White Background



This preview shows how the HunterLab color 37.5222, -30.6521, 19.2696 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 37.5222, -30.6521, 19.2696 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 37.5222, -30.6521, 19.2696 Background



This preview shows how black text looks on a background with the HunterLab color 37.5222, -30.6521, 19.2696.



This preview shows how white text looks on a background with the HunterLab color 37.5222, -30.6521, 19.2696.

-30.6521, 19.2696.

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

37.5222, -30.6521, 19.2696

Protanopia

37.4332, -4.9189, 20.3364

Deuteranopia

37.4097, 2.0206, 18.6553



Tritanopia

37.5735, -14.1654, -6.6649

Trichromacy



Original Color

37.5222, -30.6521, 19.2696



Protanomaly

36.0065, -19.0967, 18.8332



Deuteranomaly

35.6489, -15.7393, 17.5621



Tritanomaly

37.1540, -22.2507, 5.9787

Monochromacy



Original Color

37.5222, -30.6521, 19.2696



Achromatopsia

26.8834, -1.4344, 1.4606



Achromatomaly

29.6917, -15.7065, 8.6304

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5222, -30.6521, 19.2696 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, 41)` looks like.

```
.text, #text, p{  
    color:rgb(0, 122, 41)  
}
```

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, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 122, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5222, -30.6521, 19.2696 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, 41) }
```


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

```
.border{ border-color:rgb(0, 122, 41) }
```

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, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 122, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 122, 41);  
box-shadow:4px 4px 4px 4px rgb(0, 122, 41)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.5222, -30.6521, 19.2696 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, 41) }
```

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

```
.background{ background-color: rgb(0, 122,  
41) }
```

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](#).

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