

Converting Colors

HunterLab(37.7792, -29.9847,
17.5088)

Have a look what the booklet for
HunterLab(37.7792, -29.9847,
17.5088) contains.

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Color

**HunterLab(37.6512,
-29.8487, 17.3740)**

Conversions

Conversions Part 1

Format	Color
Hex	007A35
RGB	0, 122, 53
RGB Percent	0%, 48%, 21%
CMY	1.0000, 0.5216, 0.7921
CMYK	1.00, 0.00, 0.57, 0.52
HSL	146°, 100%, 24%
HSV	146°, 100%, 48%
XYZ	7.6021, 14.1761, 5.7038
YIQ	77.6560, -50.5630, -47.3230

Conversions

Conversions Part 2

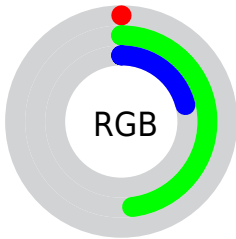
Format	Color
RYB	0, 85, 122
Decimal	31285
CIELab	44.49, -45.28, 29.45
CIELCh	44, 54.015, 146.961
Yxy	14.1767, 0.2766, 0.5158
Android (android.graphics.Color)	4278221365 (0xFF007A35)
YUV	77.6560, -12.1554, -68.1043
Hunter-Lab	37.6512, -29.8487, 17.3740

Details

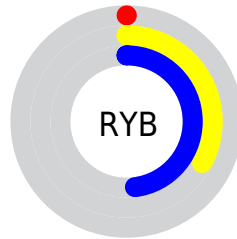
The HunterLab color **37.6512, -29.8487, 17.3740** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **21.3717, 38.6096, -1.7755**, and the grayscale version is **27.5341, -1.4692, 1.4960**.

A 20% lighter version of the original color is **57.9379, -36.8935, 22.4560**, and **21.5589, -18.2691, 12.4908** is the 20% darker color. If you saturate the color by 10%, you get **37.6519, -29.8493, 17.3744**, and if you desaturate by 10%, it is **37.8477, -28.8461, 16.1409**.

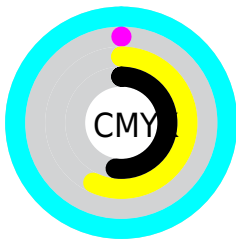
Distribution



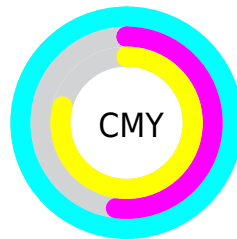
- Red (0%)
- Green (48%)
- Blue (21%)



- Red (0%)
- Yellow (33%)
- Blue (48%)



- Cyan (100%)
- Magenta (0%)
- Yellow (57%)
- Black (52%)



- Cyan (100%)
- Magenta (52%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.6512, -29.8487, 17.3740 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 37.6512, -29.8487, 17.3740 by changing the saturation by 10% instead.

■ 37.6512, -29.8487,
17.3740

■ 37.6512, -29.8487,
17.3740

147.7590,
-56.8125, 36.9769

■ 28.7118, -26.0535,
14.7289

■ 57.7947, -36.6883,
22.2157

■ 20.6186, -21.8774,
11.8665

■ 68.8938, -39.8464,
24.4816

■ 13.4725, -18.0281,
9.4308

■ 80.6244, -42.8783,
26.6747

■ 7.0466, -12.3316,
4.9326

■ 92.9543, -45.8080,
28.8104

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.8557,
-48.6536, 30.9003

0.0000, NaN, NaN

■ 119.3041,

0.0000, NaN, NaN

-51.4291, 32.9535

0.0000, NaN, NaN

133.2783,
-54.1458, 34.9771

■ 37.6512, -29.8487,
17.3740

■ 37.6512, -29.8487,
17.3740

■ 37.6519, -29.8493,
17.3744

■ 37.8477, -28.8461,
16.1409

■ 38.1073, -27.5595,
14.7854

■ 38.4656, -25.8537,
13.3446

■ 38.9305, -23.7112,
11.8366

■ 39.5072, -21.1303,
10.2801

■ 40.1988, -18.1222,
8.6940

■ 41.0066, -14.7085,
7.0964

■ 41.9301, -10.9187,
5.5045

■ 42.9677, -6.7877,
3.9336

Harmonies

Analogous

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



37.6520, -18.3744, 22.5642



37.6512, -29.8487, 17.3740



37.6520, -34.0225, 3.9975

Triad

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



37.6520, -29.8491, 17.3742



37.6520, -4.0931, -58.5389



37.6520, 40.3158, 15.4671

Complementary

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



37.6512, -29.8487, 17.3740



21.3717, 38.6096, -1.7755

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.



37.6520, 46.4064, -0.0085



37.6512, -29.8487, 17.3740



37.6520, 17.7341, -49.5491

Square

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



37.6520, -29.8491, 17.3742



37.6520, -21.3053, -45.3507



37.6520, 37.3888, -24.9058



37.6520, 22.1737, 21.9538

Rectangle

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



37.6512, -29.8487, 17.3740



37.6520, -32.9597, -10.7173



37.6520, 37.3888, -24.9058



37.6520, 43.9898, 11.4867

Sweetspot

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



37.6520, -29.8491, 17.3742



54.3067, -19.8543, 9.5661



38.9741, -25.0445, 23.5771



25.7892, -10.2445, 4.9155



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.



37.6520, -29.8491, 17.3742



49.9135, -39.7558, 23.4338



38.8993, -22.2336, -0.6246



21.1570, -3.1383, 1.8615



38.6310, -30.6403, 17.8581



84.2748, -67.5270, 40.4352

Inverse Universe

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



21.3717, 38.6096, -1.7755



28.2976, 51.0342, -1.6652



20.3853, 34.9974, 12.4946



20.1233, 1.0138, 0.4096



21.9246, 39.6022, -1.7672



47.7033, 85.8365, -1.2924

Previews

White Background



This preview shows how the HunterLab color 37.6512, -29.8487, 17.3740 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 37.6512, -29.8487, 17.3740 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 37.6512, -29.8487, 17.3740 Background



This preview shows how black text looks on a background with the HunterLab color 37.6512, -29.8487, 17.3740.



This preview shows how white text looks on a background with the HunterLab color 37.6512, -29.8487, 17.3740.

-29.8487, 17.3740.

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

37.6512, -29.8487, 17.3740

Protanopia

37.4560, -4.6080, 18.5732

Deuteranopia

37.4424, 2.4040, 16.5619



Tritanopia

37.8749, -14.4971, -6.7660

Trichromacy



Original Color

37.6512, -29.8487, 17.3740

Protanomaly

36.1317, -18.3522, 16.9912

Deuteranomaly

35.7349, -15.1105, 15.3327

Tritanomaly

37.5899, -21.8666, 4.5540

Monochromacy



Original Color

37.6512, -29.8487, 17.3740

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

30.1881, -15.0320, 7.2807

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.6512, -29.8487, 17.3740 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, 53)` looks like.

```
.text, #text, p{  
    color:rgb(0, 122, 53)  
}
```

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, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 122, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 37.6512, -29.8487, 17.3740 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, 53) }
```


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

```
.border{ border-color:rgb(0, 122, 53) }
```

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, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 122, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 122, 53);  
box-shadow:4px 4px 4px 4px rgb(0, 122, 53)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.6512, -29.8487, 17.3740 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, 53) }
```

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

```
.background{ background-color: rgb(0, 122,  
53) }
```

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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