

Converting Colors

HunterLab(36.4490, -27.4349,
5.8521)

Have a look what the booklet for
HunterLab(36.4490, -27.4349,
5.8521) contains.

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Color

**HunterLab(37.0300,
-24.4712, 6.5420)**

Conversions

Conversions Part 1

Format	Color
Hex	00765B
RGB	0, 118, 91
RGB Percent	0%, 46%, 36%
CMY	1.0000, 0.5372, 0.6431
CMYK	1.00, 0.00, 0.23, 0.54
HSL	166°, 100%, 23%
HSV	166°, 100%, 46%
XYZ	8.3668, 13.7122, 12.1033
YIQ	79.6400, -61.6610, -33.4130

Conversions

Conversions Part 2

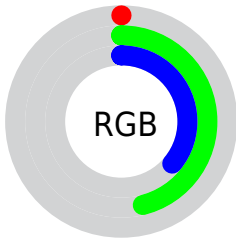
Format	Color
RYB	0, 67, 118
Decimal	30299
CIELab	43.82, -35.41, 6.97
CIELCh	44, 36.091, 168.865
Yxy	13.7127, 0.2448, 0.4012
Android (android.graphics.Color)	4278220379 (0xFF00765B)
YUV	79.6400, 5.6005, -69.8443
Hunter-Lab	37.0300, -24.4712, 6.5420

Details

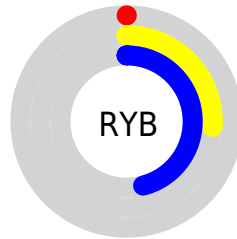
The HunterLab color **37.0300, -24.4712, 6.5420** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **19.8268, 34.3512, 9.7162**, and the grayscale version is **28.1907, -1.5042, 1.5317**.

A 20% lighter version of the original color is **57.0836, -30.0046, 8.4761**, and **20.7935, -14.5776, 5.4788** is the 20% darker color. If you saturate the color by 10%, you get **37.0306, -24.4720, 6.5429**, and if you desaturate by 10%, it is **37.1980, -23.6621, 5.7399**.

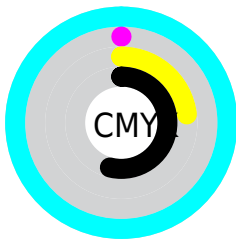
Distribution



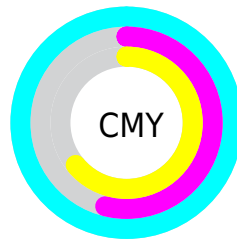
- Red (0%)
- Green (46%)
- Blue (36%)



- Red (0%)
- Yellow (26%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.0300, -24.4712, 6.5420 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 37.0300, -24.4712, 6.5420 by changing the saturation by 10% instead.

■ 37.0300, -24.4712,
6.5420

■ 37.0300, -24.4712,
6.5420

146.7775,
-46.6009, 15.4549

■ 28.1445, -21.4451,
5.6060

■ 57.0775, -29.9784,
8.4269

■ 20.1110, -18.1361,
4.6612

■ 68.1332, -32.5460,
9.3845

■ 13.0327, -14.7330,
3.6885

■ 79.8228, -35.0258,
10.3559

■ 6.5015, -11.3775,
4.5510

■ 92.1137, -37.4355,
11.3424

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.9776,
-39.7886, 12.3451

0.0000, NaN, NaN

■ 118.3903,

0.0000, NaN, NaN

-42.0954, 13.3645

0.0000, NaN, NaN

132.3300,
-44.3640, 14.4010

37.0300, -24.4712,
6.5420

37.0300, -24.4712,
6.5420

37.0306, -24.4720,
6.5429

37.1980, -23.6621,
5.7399

37.4149, -22.6531,
4.9678

37.7156, -21.3117,
4.2700

38.1078, -19.6180,
3.6607

38.5968, -17.5643,
3.1512

■ 39.1861, -15.1537,
2.7501

■ 39.8777, -12.3978,
2.4635

■ 40.6719, -9.3152,
2.2948

■ 41.5682, -5.9297,
2.2449

Harmonies

Analogous

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



37.0307, -19.8270, 15.0165



37.0300, -24.4712, 6.5420



37.0307, -23.7825, -7.0520

Triad

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



37.0307, -24.4714, 6.5424



37.0307, 6.9446, -30.4659



37.0307, 17.0249, 16.3736

Complementary

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



37.0300, -24.4712, 6.5420



19.8268, 34.3512, 9.7162

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.



37.0307, 26.4407, 9.2470



37.0300, -24.4712, 6.5420



37.0307, 20.0611, -18.5865

Square

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



37.0307, -24.4714, 6.5424



37.0307, -6.9365, -32.0318



37.0307, 27.6263, -3.1661



37.0307, 3.2563, 19.1530

Rectangle

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



37.0300, -24.4712, 6.5420



37.0307, -20.3626, -17.4436



37.0307, 27.6263, -3.1661



37.0307, 20.8848, 14.5589

Sweetspot

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



37.0307, -24.4714, 6.5424



52.8038, -16.7304, 3.2899



36.3288, -29.4508, 21.8697



25.1689, -8.6172, 1.6311



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



37.0307, -24.4714, 6.5424



49.0818, -32.5757, 8.9736



28.3721, -7.8696, -18.4734



20.3510, -2.7299, 1.0974



38.5132, -25.4687, 6.8414



84.9392, -56.7061, 16.2457

Inverse Universe

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



19.8268, 34.3512, 9.7162



26.2559, 45.4264, 13.3813



22.0376, 26.0215, 14.0344



19.2700, 0.6910, 1.0998



20.6173, 35.7146, 10.1686



45.3903, 78.3871, 24.2536

Previews

White Background



This preview shows how the HunterLab color 37.0300, -24.4712, 6.5420 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 37.0300, -24.4712, 6.5420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

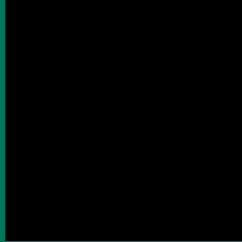
Any Text WCAG AA × Fail

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 37.0300, -24.4712, 6.5420 Background



This preview shows how black text looks on a background with the HunterLab color 37.0300, -24.4712, 6.5420.



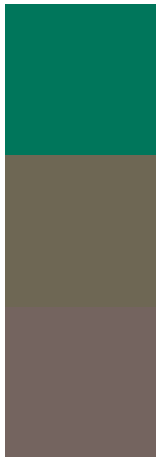
This preview shows how white text looks on a background with the HunterLab color 37.0300,

-24.4712, 6.5420.

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

37.0300, -24.4712, 6.5420

Protanopia

36.9535, -2.4487, 9.2703

Deuteranopia

36.9507, 2.1223, 5.4342



Tritanopia

37.2263, -15.4920, -7.1778

Trichromacy



Original Color

37.0300, -24.4712, 6.5420

Protanomaly

35.6586, -14.3034, 6.7298

Deuteranomaly

35.7483, -12.1171, 4.2524

Tritanomaly

36.8827, -19.1649, -1.7840

Monochromacy



Original Color

37.0300, -24.4712, 6.5420

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

30.5766, -12.8304, 2.3527

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.0300, -24.4712, 6.5420 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, 118, 91)` looks like.

```
.text, #text, p{  
    color:rgb(0, 118, 91)  
}
```

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, 118, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 118, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 37.0300, -24.4712, 6.5420 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, 118, 91) }
```


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

```
.border{ border-color:rgb(0, 118, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 118, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 118, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 118, 91);  
box-shadow:4px 4px 4px 4px rgb(0, 118, 91)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.0300, -24.4712, 6.5420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 118, 91) }
```

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

```
.background{ background-color: rgb(0, 118,  
91) }
```

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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