

Converting Colors

HunterLab(32.2726, -47.5028,
1.1898)

Have a look what the booklet for
HunterLab(32.2726, -47.5028,
1.1898) contains.

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Color

**HunterLab(37.3254,
-24.9461, 7.1980)**

Conversions

Conversions Part 1

Format	Color
Hex	00775A
RGB	0, 119, 90
RGB Percent	0%, 47%, 35%
CMY	1.0000, 0.5333, 0.6471
CMYK	1.00, 0.00, 0.24, 0.53
HSL	165°, 100%, 23%
HSV	165°, 100%, 47%
XYZ	8.4423, 13.9319, 11.9170
YIQ	80.1130, -61.6150, -34.2470

Conversions

Conversions Part 2

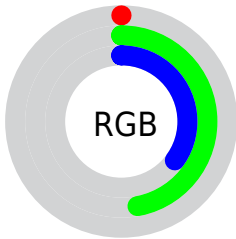
Format	Color
RYB	0, 68, 119
Decimal	30554
CIELab	44.14, -36.11, 8.01
CIELCh	44, 36.993, 167.489
Yxy	13.9324, 0.2462, 0.4063
Android (android.graphics.Color)	4278220634 (0xFF00775A)
YUV	80.1130, 4.8743, -70.2591
Hunter-Lab	37.3254, -24.9461, 7.1980

Details

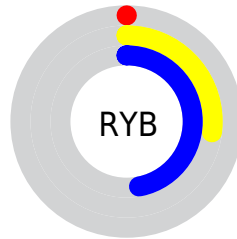
The HunterLab color **37.3254, -24.9461, 7.1980** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **20.0275, 34.7386, 9.5061**, and the grayscale version is **28.3642, -1.5134, 1.5411**.

A 20% lighter version of the original color is **57.3890, -30.5517, 9.1952**, and **21.0668, -14.9831, 6.0126** is the 20% darker color. If you saturate the color by 10%, you get **37.3260, -24.9469, 7.1989**, and if you desaturate by 10%, it is **37.4969, -24.1146, 6.3447**.

Distribution



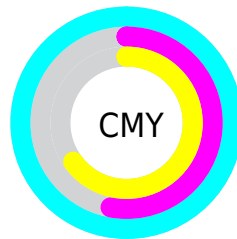
- Red (0%)
- Green (47%)
- Blue (35%)



- Red (0%)
- Yellow (27%)
- Blue (47%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.3254, -24.9461, 7.1980 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 37.3254, -24.9461, 7.1980 by changing the saturation by 10% instead.

37.3254, -24.9461,
7.1980

37.3254, -24.9461,
7.1980

147.2446,
-47.3972, 16.5728

28.4142, -21.8722,
6.1900

57.4187, -30.5389,
9.2084

20.3522, -18.5113,
5.1642

68.4950, -33.1454,
10.2222

13.2415, -15.0062,
4.0974

80.2042, -35.6619,
11.2462

6.7665, -11.8415,
4.7366

92.5137, -38.1065,
12.2825

0.0000, NaN, NaN

0.0000, NaN, NaN

105.3954,
-40.4928, 13.3326

0.0000, NaN, NaN

118.8251,

0.0000, NaN, NaN

-42.8315, 14.3972

0.0000, NaN, NaN

132.7813,
-45.1307, 15.4771

37.3254, -24.9461,
7.1980

37.3254, -24.9461,
7.1980

37.3260, -24.9469,
7.1989

37.4969, -24.1146,
6.3447

37.7185, -23.0776,
5.5179

38.0252, -21.7026,
4.7615

38.4246, -19.9698,
4.0903

38.9221, -17.8716,
3.5160

■ 39.5213, -15.4115,
3.0482

■ 40.2239, -12.6015,
2.6932

■ 41.0306, -9.4609,
2.4552

■ 41.9406, -6.0142,
2.3355

Harmonies

Analogous

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



37.3261, -19.9511, 15.5961



37.3254, -24.9461, 7.1980



37.3261, -24.4932, -6.5800

Triad

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



37.3261, -24.9463, 7.1984



37.3261, 6.5089, -31.8887



37.3261, 18.1513, 16.4822

Complementary

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



37.3254, -24.9461, 7.1980



20.0275, 34.7386, 9.5061

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.



37.3261, 27.5459, 8.9814



37.3254, -24.9461, 7.1980



37.3261, 20.1690, -19.9363

Square

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



37.3261, -24.9463, 7.1984



37.3261, -7.6874, -32.9364



37.3261, 28.3348, -3.9985



37.3261, 4.0634, 19.4592

Rectangle

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



37.3254, -24.9461, 7.1980



37.3261, -21.1629, -17.3206



37.3261, 28.3348, -3.9985



37.3261, 22.0480, 14.5671

Sweetspot

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



37.3261, -24.9463, 7.1984



53.7486, -17.1679, 3.6350



36.6968, -29.5598, 22.0945



26.0035, -9.0023, 1.8421



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.



37.3261, -24.9463, 7.1984



49.9256, -33.5192, 9.9558



29.1874, -8.7361, -17.6219



20.3488, -2.7419, 1.1281



38.4710, -25.7257, 7.4490



84.8428, -57.2937, 17.6345

Inverse Universe

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



20.0275, 34.7386, 9.5061



26.7628, 46.3528, 13.2570



21.9963, 26.9638, 14.0254



19.2721, 0.7025, 1.0694



20.6391, 35.7950, 9.8482



45.4328, 78.5444, 23.6266

Previews

White Background



This preview shows how the HunterLab color 37.3254, -24.9461, 7.1980 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 37.3254, -24.9461, 7.1980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

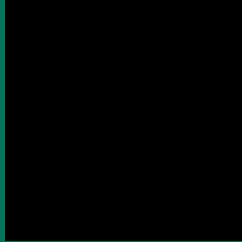
Any Text WCAG AA × Fail

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 37.3254, -24.9461, 7.1980 Background



This preview shows how black text looks on a background with the HunterLab color 37.3254, -24.9461, 7.1980.



This preview shows how white text looks on a background with the HunterLab color 37.3254,

-24.9461, 7.1980.

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

37.3254, -24.9461, 7.1980

Protanopia

37.2890, -2.7038, 9.9179

Deuteranopia

37.1134, 2.6202, 5.9976



Tritanopia

37.5883, -15.5932, -7.1895

Trichromacy



Original Color

37.3254, -24.9461, 7.1980

Protanomaly

35.9844, -14.6234, 7.4112

Deuteranomaly

35.7793, -12.0503, 4.6752

Tritanomaly

37.2221, -19.3570, -1.8203

Monochromacy



Original Color

37.3254, -24.9461, 7.1980

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 37.3254, -24.9461, 7.1980 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, 119, 90)` looks like.

```
.text, #text, p{  
    color:rgb(0, 119, 90)  
}
```

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, 119, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 37.3254, -24.9461, 7.1980 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, 119, 90) }
```


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

```
.border{ border-color:rgb(0, 119, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 119, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 119, 90);  
box-shadow:4px 4px 4px 4px rgb(0, 119, 90)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.3254, -24.9461, 7.1980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 119, 90) }
```

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

```
.background{ background-color: rgb(0, 119,  
90) }
```

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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