

Converting Colors

HunterLab(37.3740, -24.6750,
6.8079)

Have a look what the booklet for
HunterLab(37.3740, -24.6750,
6.8079) contains.

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Color

**HunterLab(37.3742,
-24.7003, 6.8961)**

Conversions

Conversions Part 1

Format	Color
Hex	03775B
RGB	3, 119, 91
RGB Percent	1%, 47%, 36%
CMY	0.9882, 0.5333, 0.6431
CMYK	0.97, 0.00, 0.24, 0.53
HSL	166°, 95%, 24%
HSV	166°, 97%, 47%
XYZ	8.5227, 13.9683, 12.1445
YIQ	81.1240, -60.1480, -33.3000

Conversions

Conversions Part 2

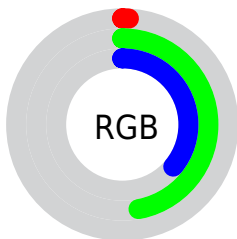
Format	Color
RYB	3, 69, 119
Decimal	227163
CIELab	44.19, -35.63, 7.50
CIELCh	44, 36.415, 168.115
Yxy	13.9689, 0.2461, 0.4033
Android (android.graphics.Color)	4278417243 (0xFF03775B)
YUV	81.1240, 4.8689, -68.5147
Hunter-Lab	37.3742, -24.7003, 6.8961

Details

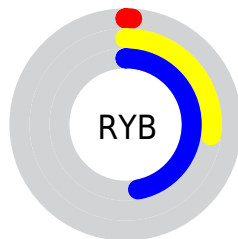
The HunterLab color **37.3742, -24.7003, 6.8961** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **20.2147, 34.2777, 9.2523**, and the grayscale version is **28.7298, -1.5329, 1.5609**.

A 20% lighter version of the original color is **57.4508, -30.2558, 8.8652**, and **21.0848, -14.8724, 5.7509** is the 20% darker color. If you saturate the color by 10%, you get **37.3322, -24.9085, 7.1082**, and if you desaturate by 10%, it is **37.5510, -23.8485, 6.0479**.

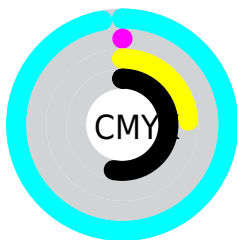
Distribution



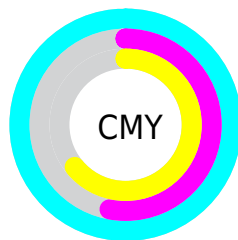
- Red (1%)
- Green (47%)
- Blue (36%)



- Red (1%)
- Yellow (27%)
- Blue (47%)



- Cyan (97%)
- Magenta (0%)
- Yellow (24%)
- Black (53%)



- Cyan (99%)
- Magenta (53%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.3742, -24.7003, 6.8961 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 37.3742, -24.7003, 6.8961 by changing the saturation by 10% instead.

37.3742, -24.7003,
6.8961

37.3742, -24.7003,
6.8961

147.3217,
-46.9130, 16.0452

28.4587, -21.6653,
5.9238

57.4750, -30.2266,
8.8448

20.3921, -18.3491,
4.9385

68.5548, -32.8039,
9.8310

13.2761, -14.8563,
3.9191

80.2672, -35.2931,
10.8293

6.8093, -11.9162,
4.7665

92.5797, -37.7122,
11.8414

0.0000, NaN, NaN

0.0000, NaN, NaN

105.4644,
-40.0744, 12.8683

0.0000, NaN, NaN

118.8969,

0.0000, NaN, NaN

-42.3901, 13.9110

0.0000, NaN, NaN

132.8557,
-44.6675, 14.9698

37.3742, -24.7003,
6.8961

37.3742, -24.7003,
6.8961

37.3322, -24.9085,
7.1082

37.5510, -23.8485,
6.0479

37.7927, -22.7322,
5.2446

38.1215, -21.2718,
4.5164

38.5446, -19.4509,
3.8773

39.0669, -17.2648,
3.3383

■ 39.6913, -14.7192,
2.9082

■ 40.4195, -11.8281,
2.5926

■ 41.2516, -8.6122,
2.3949

■ 42.1866, -5.0969,
2.3159

Harmonies

Analogous

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



37.3749, -19.8701, 15.3298



37.3742, -24.7003, 6.8961



37.3749, -24.1390, -6.7563

Triad

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



37.3749, -24.7005, 6.8965



37.3749, 6.6736, -31.0533



37.3749, 17.5532, 16.4346

Complementary

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



37.3742, -24.7003, 6.8961



20.2147, 34.2777, 9.2523

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.



37.3749, 26.9176, 9.1018



37.3742, -24.7003, 6.8961



37.3749, 20.0323, -19.2067

Square

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



37.3749, -24.7005, 6.8965



37.3749, -7.3377, -32.3333



37.3749, 27.8859, -3.5837



37.3749, 3.6632, 19.3320

Rectangle

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



37.3742, -24.7003, 6.8961



37.3749, -20.7694, -17.2848



37.3749, 27.8859, -3.5837



37.3749, 21.4169, 14.5619

Sweetspot

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



37.3749, -24.7005, 6.8965



53.8548, -16.7432, 3.5512



36.7531, -29.3037, 21.9947



26.0494, -8.8164, 1.7980



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.



37.3749, -24.7005, 6.8965



49.9341, -33.4670, 9.8324



29.4352, -8.9167, -17.1738



20.3492, -2.7400, 1.1233



38.4775, -25.6861, 7.3553



84.8576, -57.2031, 17.4205

Inverse Universe

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



20.2147, 34.2777, 9.2523



26.7585, 46.3369, 13.3205



22.2757, 26.2547, 13.9559



19.2718, 0.7008, 1.0741



20.6356, 35.7822, 9.8993



45.4260, 78.5192, 23.7271

Previews

White Background



This preview shows how the HunterLab color 37.3742, -24.7003, 6.8961 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 37.3742, -24.7003, 6.8961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

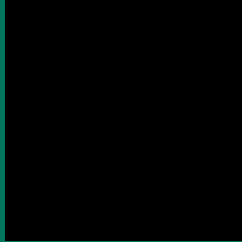
Any Text WCAG AA × Fail

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 37.3742, -24.7003, 6.8961 Background



This preview shows how black text looks on a background with the HunterLab color 37.3742, -24.7003, 6.8961.



This preview shows how white text looks on a background with the HunterLab color 37.3742, -24.7003, 6.8961.

-24.7003, 6.8961.

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

37.3742, -24.7003, 6.8961

Protanopia

37.3098, -2.5892, 9.6160

Deuteranopia

37.1377, 2.7505, 5.6479



Tritanopia

37.5883, -15.5932, -7.1895

Trichromacy



Original Color

37.3742, -24.7003, 6.8961

Protanomaly

36.0598, -14.2896, 7.1442

Deuteranomaly

35.8609, -11.6939, 4.3843

Tritanomaly

37.2388, -19.2909, -1.7978

Monochromacy



Original Color

37.3742, -24.7003, 6.8961

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

30.9793, -12.7275, 2.4182

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.3742, -24.7003, 6.8961 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(3, 119, 91)` looks like.

```
.text, #text, p{  
    color:rgb(3, 119, 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(3, 119, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 119, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 37.3742, -24.7003, 6.8961 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(3, 119, 91) }
```


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

```
.border{ border-color:rgb(3, 119, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 119, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 119, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 119, 91);  
box-shadow:4px 4px 4px 4px rgb(3, 119, 91)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.3742, -24.7003, 6.8961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 119, 91) }
```

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

```
.background{ background-color: rgb(3, 119,  
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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