

Converting Colors

HunterLab(37.7841, -17.5742,
-0.1429)

Have a look what the booklet for
HunterLab(37.7841, -17.5742,
-0.1429) contains.

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Color

**HunterLab(37.7425,
-17.4367, -0.2223)**

Conversions

Conversions Part 1

Format	Color
Hex	30746E
RGB	48, 116, 110
RGB Percent	19%, 45%, 43%
CMY	0.8118, 0.5451, 0.5686
CMYK	0.59, 0.00, 0.05, 0.55
HSL	175°, 41%, 32%
HSV	175°, 59%, 45%
XYZ	10.2788, 14.2450, 16.9596
YIQ	94.9840, -38.6020, -16.2820

Conversions

Conversions Part 2

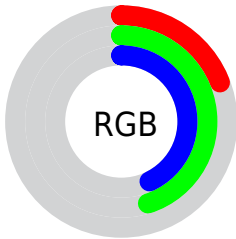
Format	Color
R_YB	48, 84, 116
Decimal	3175534
CIE _{Lab}	44.58, -22.91, -3.16
CIE _{LCh}	45, 23.131, 187.843
Yxy	14.2455, 0.2478, 0.3434
Android (android.graphics.Color)	4281365614 (0xFF30746E)
YUV	94.9840, 7.4029, -41.2050
Hunter-Lab	37.7425, -17.4367, -0.2223




Details

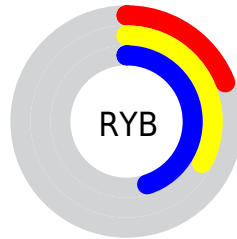
The HunterLab color **37.7425, -17.4367, -0.2223** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **24.6853, 21.3429, 7.2010**, and the grayscale version is **33.8068, -1.8038, 1.8368**.




A 20% lighter version of the original color is **57.7453, -21.2946, 0.5894**, and **20.9122, -11.8056, -0.6535** is the 20% darker color. If you saturate the color by 10%, you get **37.3862, -18.8916, -0.2278**, and if you desaturate by 10%, it is **38.1940, -15.6375, -0.0953**.

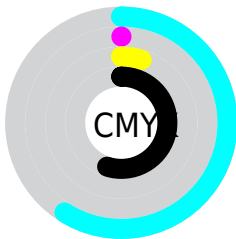
Distribution







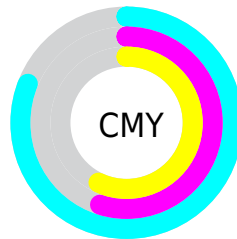
-  Red (19%)
-  Green (45%)
-  Blue (43%)






-  Red (19%)
-  Yellow (33%)
-  Blue (45%)



-  Cyan (59%)
-  Magenta (0%)
-  Yellow (5%)
-  Black (55%)



-  Cyan (81%)
-  Magenta (55%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.7425, -17.4367, -0.2223 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 37.7425, -17.4367, -0.2223 by changing the saturation by 10% instead.

37.7425, -17.4367,
-0.2223

37.7425, -17.4367,
-0.2223

147.9030,
-33.5486, 4.5259

28.7952, -15.3789,
-0.5249

57.8999, -21.2795,
0.5459

20.6933, -13.1736,
-0.7642

69.0054, -23.1120,
1.0003

13.5373, -10.7387,
-0.9283

80.7421, -24.9051,
1.4968

7.1230, -12.4652,
-1.4491

93.0777, -26.6685,
2.0325

0.0000, NaN, NaN

0.0000, NaN, NaN

105.9844,
-28.4096, 2.6052

0.0000, NaN, NaN

119.4381,

0.0000, NaN, NaN

-30.1339, 3.2128

0.0000, NaN, NaN

133.4173,
-31.8457, 3.8535

■ 37.7425, -17.4367,
-0.2223

■ 37.7425, -17.4367,
-0.2223

■ 37.3862, -18.8916,
-0.2278

■ 38.1940, -15.6375,
-0.0953

■ 37.1176, -20.0106,
-0.1201

■ 38.7421, -13.4939,
0.1553

■ 36.9302, -20.8141,
0.0912

■ 39.3894, -11.0152,
0.5308

■ 36.7971, -21.4045,
0.3701

■ 40.1366, -8.2169,
1.0293

■ 36.7790, -21.4848,
0.4088

■ 40.9832, -5.1200,
1.6469

■ 41.9278, -1.7490,
2.3781

■ 42.9682, 1.8694,
3.2159

■ 44.1015, 5.7080,
4.1526

■ 45.3242, 9.7396,
5.1800

Harmonies

Analogous

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



37.7432, -16.5180, 7.6637



37.7425, -17.4367, -0.2223



37.7432, -14.5354, -9.2865

Triad

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



37.7432, -17.4369, -0.2218



37.7432, 9.0011, -13.0940



37.7432, 4.6184, 14.1816

Complementary

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



37.7425, -17.4367, -0.2223



24.6853, 21.3429, 7.2010

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.



37.7432, 12.3835, 10.6971



37.7425, -17.4367, -0.2223



37.7432, 15.0719, -4.5745

Square

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



37.7432, -17.4369, -0.2218



37.7432, 0.3343, -17.7561



37.7432, 16.3635, 4.1972



37.7432, -4.3099, 14.8295

Rectangle

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



37.7425, -17.4367, -0.2223



37.7432, -10.6523, -14.3789



37.7432, 16.3635, 4.1972



37.7432, 7.4745, 13.3497

Sweetspot

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



37.7432, -17.4369, -0.2218



53.2305, -10.8301, 1.3767



36.7578, -23.8069, 17.7223



25.8779, -5.7405, 0.5881



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.



37.7432, -17.4369, -0.2218



49.4422, -25.5615, -0.2728



30.0023, -5.3388, -14.2599



20.3715, -2.6160, 0.8051



38.9595, -22.7699, 0.4578



85.9662, -50.4901, 1.5433

Inverse Universe

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



24.6853, 21.3429, 7.2010



29.4691, 34.9268, 11.6416



29.9771, 8.6704, 13.0922



19.2500, 0.5832, 1.3853



20.4708, 35.1727, 12.3301



45.1261, 77.4087, 28.1607

Previews

White Background



This preview shows how the HunterLab color 37.7425, -17.4367, -0.2223 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 37.7425, -17.4367, -0.2223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

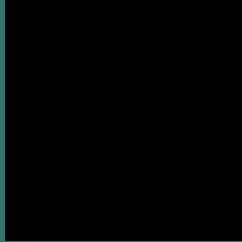
Any Text WCAG AA × Fail

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 37.7425, -17.4367, -0.2223 Background



This preview shows how black text looks on a background with the HunterLab color 37.7425, -17.4367, -0.2223.



This preview shows how white text looks on a background with the HunterLab color 37.7425,

-17.4367, -0.2223.

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

37.7425, -17.4367, -0.2223

Protanopia

37.4242, -1.2839, 2.7088

Deuteranopia

37.5160, 2.3267, -1.5322



Tritanopia

37.7115, -13.6416, -6.4624

Trichromacy



Original Color

37.7425, -17.4367, -0.2223

Protanomaly

37.0731, -8.0544, 0.8961

Deuteranomaly

37.0944, -6.1754, -1.7523

Tritanomaly

37.7800, -15.2487, -3.8850

Monochromacy



Original Color

37.7425, -17.4367, -0.2223

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

34.9861, -8.7138, 0.9738

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.7425, -17.4367, -0.2223 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(48, 116, 110)` looks like.

```
.text, #text, p{  
    color:rgb(48, 116, 110)  
}
```

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(48, 116, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 116, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 37.7425, -17.4367, -0.2223 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(48, 116, 110) }
```


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

```
.border{ border-color:rgb(48, 116, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 116, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 116, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 116, 110);  
box-shadow:4px 4px 4px 4px rgb(48, 116,  
110) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.7425, -17.4367, -0.2223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 116, 110) }
```

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

```
.background{ background-color: rgb(48, 116,  
110) }
```

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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