

Converting Colors

HunterLab(37.1803, -25.1151,
1.4363)

Have a look what the booklet for
HunterLab(37.1803, -25.1151,
1.4363) contains.

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Color

**HunterLab(37.6738,
-22.8341, 2.2034)**

Conversions

Conversions Part 1

Format	Color
Hex	007768
RGB	0, 119, 104
RGB Percent	0%, 47%, 41%
CMY	1.0000, 0.5333, 0.5922
CMYK	1.00, 0.00, 0.13, 0.53
HSL	172°, 100%, 23%
HSV	172°, 100%, 47%
XYZ	9.0955, 14.1932, 15.3569
YIQ	81.7090, -66.1090, -29.8930

Conversions

Conversions Part 2

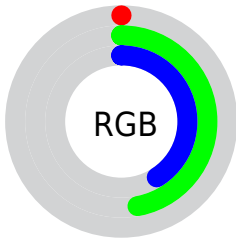
Format	Color
RYB	0, 64, 119
Decimal	30568
CIELab	44.51, -32.11, 0.22
CIELCh	45, 32.114, 179.609
Yxy	14.1937, 0.2354, 0.3673
Android (android.graphics.Color)	4278220648 (0xFF007768)
YUV	81.7090, 10.9895, -71.6588
Hunter-Lab	37.6738, -22.8341, 2.2034

Details

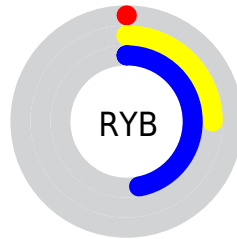
The HunterLab color **37.6738, -22.8341, 2.2034** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **19.8918, 34.2357, 11.5082**, and the grayscale version is **28.9223, -1.5432, 1.5714**.

A 20% lighter version of the original color is **57.8354, -27.9747, 3.3579**, and **21.6234, -13.6649, 2.4713** is the 20% darker color. If you saturate the color by 10%, you get **37.6744, -22.8349, 2.2043**, and if you desaturate by 10%, it is **37.8179, -22.1763, 1.7498**.

Distribution



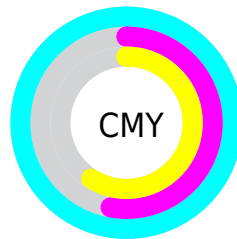
- Red (0%)
- Green (47%)
- Blue (41%)



- Red (0%)
- Yellow (25%)
- Blue (47%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.6738, -22.8341, 2.2034 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 37.6738, -22.8341, 2.2034 by changing the saturation by 10% instead.

37.6738, -22.8341,
2.2034

37.6738, -22.8341,
2.2034

147.7946,
-43.3168, 8.2866

28.7324, -20.0800,
1.7038

57.8207, -27.8792,
3.3240

20.6370, -17.0850,
1.2485

68.9214, -30.2447,
3.9390

13.4885, -13.7751,
0.8427

80.6535, -32.5366,
4.5877

7.0656, -12.3647,
0.5133

92.9848, -34.7701,
5.2685

0.0000, NaN, NaN

0.0000, NaN, NaN

105.8875,
-36.9569, 5.9800

0.0000, NaN, NaN

119.3372,

0.0000, NaN, NaN

-39.1058, 6.7210

0.0000, NaN, NaN

133.3126,
-41.2239, 7.4902

■ 37.6738, -22.8341,
2.2034

■ 37.6738, -22.8341,
2.2034

■ 37.6744, -22.8349,
2.2043

■ 37.8179, -22.1763,
1.7498

■ 38.0100, -21.3255,
1.3501

■ 38.2851, -20.1503,
1.0497

■ 38.6509, -18.6285,
0.8604

■ 39.1133, -16.7499,
0.7909

■ 39.6758, -14.5149,
0.8467

■ 40.3408, -11.9323,
1.0303

■ 41.1090, -9.0186,
1.3414

■ 41.9800, -5.7953,
1.7776

Harmonies

Analogous

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



37.6745, -20.2917, 11.7356



37.6738, -22.8341, 2.2034



37.6745, -20.4204, -10.8192

Triad

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



37.6745, -22.8342, 2.2038



37.6745, 10.3769, -23.1683



37.6745, 10.6917, 16.7355

Complementary

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



37.6738, -22.8341, 2.2034



19.8918, 34.2357, 11.5082

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.



37.6745, 20.7908, 11.5454



37.6738, -22.8341, 2.2034



37.6745, 20.5933, -11.1730

Square

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



37.6745, -22.8342, 2.2038



37.6745, -2.1734, -28.0309



37.6745, 24.6236, 1.8970



37.6745, -1.8508, 18.3061

Rectangle

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



37.6738, -22.8341, 2.2034



37.6745, -16.1235, -19.3792



37.6745, 24.6236, 1.8970



37.6745, 14.5405, 15.4598

Sweetspot

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



37.6745, -22.8342, 2.2038



53.9086, -16.2502, 1.3537



36.4736, -30.5072, 21.9402



26.0898, -8.5048, 0.6109



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.



37.6745, -22.8342, 2.2038



50.4004, -30.6394, 3.1455



25.3275, -2.9432, -25.3020



20.3659, -2.6468, 0.8841



38.8309, -23.5440, 2.2895



85.6690, -52.2806, 5.7800

Inverse Universe

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



19.8918, 34.2357, 11.5082



26.5937, 45.7272, 15.7522



23.8681, 21.7650, 15.0876



19.2554, 0.6121, 1.3089



20.5002, 35.2814, 11.8956



45.1743, 77.5872, 27.4470

Previews

White Background



This preview shows how the HunterLab color 37.6738, -22.8341, 2.2034 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 37.6738, -22.8341, 2.2034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

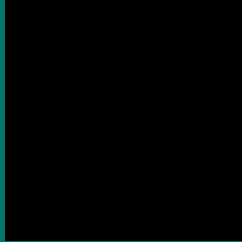
Any Text WCAG AA × Fail

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 37.6738, -22.8341, 2.2034 Background



This preview shows how black text looks on a background with the HunterLab color 37.6738, -22.8341, 2.2034.



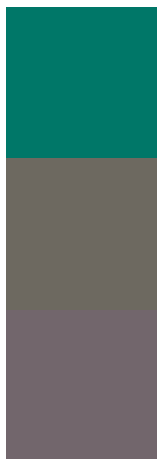
This preview shows how white text looks on a background with the HunterLab color 37.6738,

-22.8341, 2.2034.

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

37.6738, -22.8341, 2.2034

Protanopia

37.6814, -2.1360, 5.7693

Deuteranopia

37.6336, 2.4305, 0.8806



Tritanopia

37.7869, -16.3248, -7.4446

Trichromacy



Original Color

37.6738, -22.8341, 2.2034

Protanomaly

36.4937, -13.5707, 3.0716

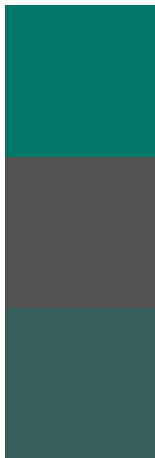
Deuteranomaly

36.3361, -10.7101, -0.4943

Tritanomaly

37.6240, -19.0599, -3.6710

Monochromacy



Original Color

37.6738, -22.8341, 2.2034

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

31.0687, -12.1201, 0.4730

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.6738, -22.8341, 2.2034 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, 104)` looks like.

```
.text, #text, p{  
    color:rgb(0, 119, 104)  
}
```

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, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 37.6738, -22.8341, 2.2034 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, 104) }
```


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

```
.border{ border-color:rgb(0, 119, 104) }
```

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, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 119, 104);  
box-shadow:4px 4px 4px 4px rgb(0, 119,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.6738, -22.8341, 2.2034 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, 104) }
```

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

```
.background{ background-color: rgb(0, 119,  
104) }
```

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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