

Converting Colors

HunterLab(33.3764, -35.7526,
-0.0827)

Have a look what the booklet for
HunterLab(33.3764, -35.7526,
-0.0827) contains.

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Color

**HunterLab(36.5429,
-22.9040, 3.7676)**

Conversions

Conversions Part 1

Format	Color
Hex	007461
RGB	0, 116, 97
RGB Percent	0%, 45%, 38%
CMY	1.0000, 0.5451, 0.6196
CMYK	1.00, 0.00, 0.16, 0.55
HSL	170°, 100%, 23%
HSV	170°, 100%, 45%
XYZ	8.4030, 13.3538, 13.4439
YIQ	79.1500, -63.0370, -30.5010

Conversions

Conversions Part 2

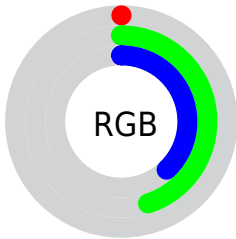
Format	Color
RYB	0, 63, 116
Decimal	29793
CIELab	43.29, -32.82, 2.64
CIELCh	43, 32.931, 175.407
Yxy	13.3543, 0.2387, 0.3794
Android (android.graphics.Color)	4278219873 (0xFF007461)
YUV	79.1500, 8.8000, -69.4146
Hunter-Lab	36.5429, -22.9040, 3.7676

Details

The HunterLab color **36.5429, -22.9040, 3.7676** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **19.3916, 33.4491, 10.6497**, and the grayscale version is **28.0030, -1.4942, 1.5215**.

A 20% lighter version of the original color is **56.6132, -28.0878, 5.0514**, and **20.6236, -13.5473, 3.4670** is the 20% darker color. If you saturate the color by 10%, you get **36.5435, -22.9047, 3.7684**, and if you desaturate by 10%, it is **36.6954, -22.1927, 3.1903**.

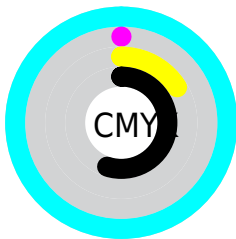
Distribution



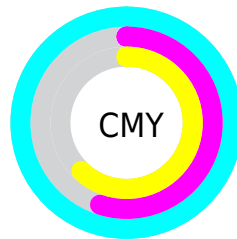
- Red (0%)
- Green (45%)
- Blue (38%)



- Red (0%)
- Yellow (25%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.5429, -22.9040, 3.7676 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 36.5429, -22.9040, 3.7676 by changing the saturation by 10% instead.

■ 36.5429, -22.9040,
3.7676

■ 36.5429, -22.9040,
3.7676

146.0056,
-43.8048, 10.8146

■ 27.7002, -20.0694,
3.1212

■ 56.5145, -28.0763,
5.1468

■ 19.7140, -16.9745,
2.5021

■ 67.5359, -30.4944,
5.8782

■ 12.6895, -13.8039,
1.9080

■ 79.1930, -32.8338,
6.6368

■ 6.0373, -10.5652,
2.1391

■ 91.4530, -35.1110,
7.4220

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.2875,
-37.3381, 8.2329

0.0000, NaN, NaN

■ 117.6718,

0.0000, NaN, NaN

-39.5248, 9.0691

0.0000, NaN, NaN

131.5843,
-41.6784, 9.9299

36.5429, -22.9040,
3.7676

36.5429, -22.9040,
3.7676

36.5435, -22.9047,
3.7684

36.6954, -22.1927,
3.1903

36.8938, -21.2961,
2.6571

37.1732, -20.0815,
2.2129

37.5411, -18.5285,
1.8702

38.0028, -16.6283,
1.6382

■ 38.5618, -14.3822,
1.5233

■ 39.2201, -11.8000,
1.5292

■ 39.9785, -8.8983,
1.6570

■ 40.8364, -5.6990,
1.9053

Harmonies

Analogous

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



36.5436, -19.6623, 12.7098



36.5429, -22.9040, 3.7676



36.5436, -21.1782, -9.2067

Triad

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



36.5436, -22.9042, 3.7680



36.5436, 8.9098, -25.1775



36.5436, 12.6744, 16.2201

Complementary

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



36.5429, -22.9040, 3.7676



19.3916, 33.4491, 10.6497

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.



36.5436, 22.3138, 10.4812



36.5429, -22.9040, 3.7676



36.5436, 19.9441, -13.4659

Square

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



36.5436, -22.9042, 3.7680



36.5436, -3.8511, -28.8140



36.5436, 25.1371, 0.1162



36.5436, -0.0129, 18.1984

Rectangle

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



36.5429, -22.9040, 3.7676



36.5436, -17.3014, -18.2549



36.5436, 25.1371, 0.1162



36.5436, 16.4419, 14.7848

Sweetspot

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



36.5436, -22.9042, 3.7680



51.9267, -15.9222, 2.0211



35.5431, -29.4520, 21.3855



25.2146, -8.3538, 0.9791



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.



36.5436, -22.9042, 3.7680



48.4334, -30.4654, 5.2286



25.7218, -4.5542, -22.3177



20.3604, -2.6774, 0.9627



38.7089, -24.2813, 4.0337



85.3878, -53.9808, 9.8018

Inverse Universe

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



19.3916, 33.4491, 10.6497



25.6816, 44.2480, 14.5223



22.6777, 22.6345, 14.3695



19.2607, 0.6410, 1.2324



20.5366, 35.4164, 11.3571



45.2384, 77.8251, 26.4964

Previews

White Background



This preview shows how the HunterLab color 36.5429, -22.9040, 3.7676 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 36.5429, -22.9040, 3.7676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

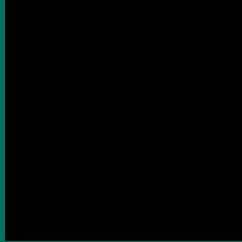
Any Text WCAG AA × Fail

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 36.5429, -22.9040, 3.7676 Background



This preview shows how black text looks on a background with the HunterLab color 36.5429, -22.9040, 3.7676.



This preview shows how white text looks on a background with the HunterLab color 36.5429,

-22.9040, 3.7676.

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

36.5429, -22.9040, 3.7676

Protanopia

36.5374, -2.2966, 7.1373

Deuteranopia

36.4801, 2.1815, 2.5069



Tritanopia

36.7950, -15.6601, -7.2702

Trichromacy



Original Color

36.5429, -22.9040, 3.7676

Protanomaly

35.3794, -13.6135, 4.5941

Deuteranomaly

35.1608, -11.0168, 1.1426

Tritanomaly

36.5873, -18.6203, -3.0979

Monochromacy



Original Color

36.5429, -22.9040, 3.7676

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

30.0071, -11.9298, 0.8857

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.5429, -22.9040, 3.7676 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, 116, 97)` looks like.

```
.text, #text, p{  
    color:rgb(0, 116, 97)  
}
```

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, 116, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 116, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 36.5429, -22.9040, 3.7676 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, 116, 97) }
```


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

```
.border{ border-color:rgb(0, 116, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 116, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 116, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 116, 97);  
box-shadow:4px 4px 4px 4px rgb(0, 116, 97)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.5429, -22.9040, 3.7676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 116, 97) }
```

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

```
.background{ background-color: rgb(0, 116,  
97) }
```

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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