

Converting Colors

HunterLab(36.9700, -27.1292,
12.3548)

Have a look what the booklet for
HunterLab(36.9700, -27.1292,
12.3548) contains.

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Color

**HunterLab(36.9615,
-27.1754, 12.4652)**

Conversions

Conversions Part 1

Format	Color
Hex	007748
RGB	0, 119, 72
RGB Percent	0%, 47%, 28%
CMY	1.0000, 0.5333, 0.7176
CMYK	1.00, 0.00, 0.39, 0.53
HSL	156°, 100%, 23%
HSV	156°, 100%, 47%
XYZ	7.7665, 13.6615, 8.3585
YIQ	78.0610, -55.8370, -39.8450

Conversions

Conversions Part 2

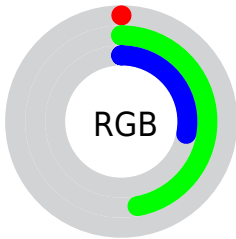
Format	Color
RYB	0, 74, 119
Decimal	30536
CIELab	43.74, -40.55, 18.01
CIELCh	44, 44.364, 156.054
Yxy	13.6621, 0.2607, 0.4586
Android (android.graphics.Color)	4278220616 (0xFF007748)
YUV	78.0610, -2.9881, -68.4595
Hunter-Lab	36.9615, -27.1754, 12.4652

Details

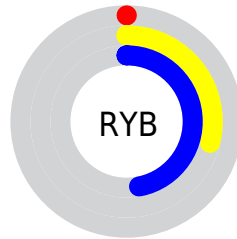
The HunterLab color **36.9615, -27.1754, 12.4652** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **20.3162, 35.8012, 5.2954**, and the grayscale version is **27.6495, -1.4753, 1.5022**.

A 20% lighter version of the original color is **56.9403, -33.2361, 15.6689**, and **20.8329, -16.4275, 9.4229** is the 20% darker color. If you saturate the color by 10%, you get **36.9622, -27.1761, 12.4659**, and if you desaturate by 10%, it is **37.1527, -26.2142, 11.3177**.

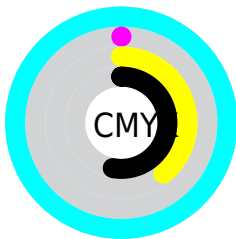
Distribution



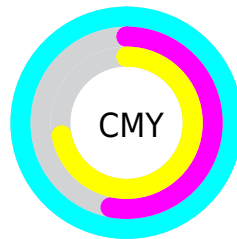
- Red (0%)
- Green (47%)
- Blue (28%)



- Red (0%)
- Yellow (29%)
- Blue (47%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.9615, -27.1754, 12.4652 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 36.9615, -27.1754, 12.4652 by changing the saturation by 10% instead.

■ 36.9615, -27.1754,
12.4652

■ 36.9615, -27.1754,
12.4652

146.6691,
-51.8438, 26.4450

■ 28.0820, -23.7391,
10.7174

■ 56.9984, -33.3874,
15.7489

■ 20.0552, -19.9635,
8.8509

■ 68.0493, -36.2657,
17.3253

■ 12.9843, -16.4479,
7.2723

■ 79.7343, -39.0353,
18.8750

■ 6.4383, -11.2671,
4.5068

■ 92.0209, -41.7175,
20.4060

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.8807,
-44.3283, 21.9244

0.0000, NaN, NaN

■ 118.2894,

0.0000, NaN, NaN

-46.8801, 23.4349

0.0000, NaN, NaN

132.2252,
-49.3826, 24.9408

36.9615, -27.1754,
12.4652

36.9615, -27.1754,
12.4652

36.9622, -27.1761,
12.4659

37.1527, -26.2142,
11.3177

37.3980, -25.0218,
10.1393

37.7326, -23.4645,
8.9719

38.1640, -21.5245,
7.8326

38.6974, -19.1978,
6.7372

■ 39.3359, -16.4915,
5.6997

■ 40.0812, -13.4218,
4.7319

■ 40.9332, -10.0122,
3.8438

■ 41.8908, -6.2912,
3.0426

Harmonies

Analogous

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



36.9622, -19.1803, 19.2659



36.9615, -27.1754, 12.4652



36.9622, -28.9974, -1.3895

Triad

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



36.9622, -27.1757, 12.4655



36.9622, 1.5064, -43.6522



36.9622, 28.0470, 15.9464

Complementary

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



36.9615, -27.1754, 12.4652



20.3162, 35.8012, 5.2954

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.



36.9622, 36.0918, 5.1180



36.9615, -27.1754, 12.4652



36.9622, 19.1000, -32.5999

Square

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



36.9622, -27.1757, 12.4655



36.9622, -14.2303, -38.7114



36.9622, 32.5547, -12.8165



36.9622, 12.1215, 20.5532

Rectangle

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



36.9615, -27.1754, 12.4652



36.9622, -26.8169, -14.2525



36.9622, 32.5547, -12.8165



36.9622, 31.8812, 13.1533

Sweetspot

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



36.9622, -27.1757, 12.4655



53.5534, -18.2915, 6.4276



37.1658, -27.5906, 22.4181



25.8988, -9.6077, 3.3403



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.



36.9622, -27.1757, 12.4655



49.4331, -36.5380, 17.0880



34.4510, -15.7391, -9.0842



20.3272, -2.8624, 1.4374



38.0955, -28.0267, 12.8855



83.9939, -62.5010, 29.9365

Inverse Universe

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



20.3162, 35.8012, 5.2954



27.1381, 47.7338, 7.7769



20.4517, 31.7491, 13.1577



19.2941, 0.8205, 0.7570



20.9358, 36.8862, 5.5212



46.0442, 80.7963, 14.6819

Previews

White Background



This preview shows how the HunterLab color 36.9615, -27.1754, 12.4652 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 36.9615, -27.1754, 12.4652 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 36.9615, -27.1754, 12.4652 Background



This preview shows how black text looks on a background with the HunterLab color 36.9615, -27.1754, 12.4652.



This preview shows how white text looks on a background with the HunterLab color 36.9615,

-27.1754, 12.4652.

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

36.9615, -27.1754, 12.4652

Protanopia

36.7948, -3.6744, 14.3031

Deuteranopia

36.8742, 2.4057, 11.4745



Tritanopia

37.0526, -14.6718, -6.8878

Trichromacy



Original Color

36.9615, -27.1754, 12.4652



Protanomaly

35.6290, -16.7070, 12.5612



Deuteranomaly

35.2644, -13.2923, 10.3053



Tritanomaly

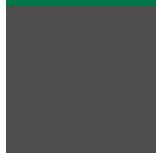
36.7341, -20.1559, 1.1440

Monochromacy



Original Color

36.9615, -27.1754, 12.4652



Achromatopsia

27.6017, -1.4728, 1.4997



Achromatomaly

30.0477, -13.7663, 4.7825

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.9615, -27.1754, 12.4652 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, 72)` looks like.

```
.text, #text, p{  
    color:rgb(0, 119, 72)  
}
```

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, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 36.9615, -27.1754, 12.4652 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, 72) }
```


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

```
.border{ border-color:rgb(0, 119, 72) }
```

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, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 119, 72);  
box-shadow:4px 4px 4px 4px rgb(0, 119, 72)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.9615, -27.1754, 12.4652 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, 72) }
```

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

```
.background{ background-color: rgb(0, 119,  
72) }
```

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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