

Converting Colors

HunterLab(27.0525, -15.9330,
0.5815)

Have a look what the booklet for
HunterLab(27.0525, -15.9330,
0.5815) contains.

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Color

**HunterLab(27.1412,
-16.0384, 0.6982)**

Conversions

Conversions Part 1

Format	Color
Hex	00574E
RGB	0, 87, 78
RGB Percent	0%, 34%, 31%
CMY	1.0000, 0.6588, 0.6941
CMYK	1.00, 0.00, 0.10, 0.66
HSL	174°, 100%, 17%
HSV	174°, 100%, 34%
XYZ	4.7833, 7.3664, 8.3775
YIQ	59.9610, -48.9630, -21.2430

Conversions

Conversions Part 2

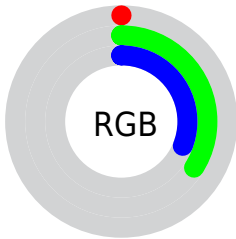
Format	Color
RYB	0, 46, 87
Decimal	22350
CIELab	32.63, -25.00, -1.22
CIELCh	33, 25.028, 182.804
Yxy	7.3667, 0.2330, 0.3589
Android (android.graphics.Color)	4278212430 (0xFF00574E)
YUV	59.9610, 8.8932, -52.5858
Hunter-Lab	27.1412, -16.0384, 0.6982

Details

The HunterLab color **27.1412, -16.0384, 0.6982** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **14.3045, 24.6324, 8.1736**, and the grayscale version is **21.2270, -1.1326, 1.1533**.

A 20% lighter version of the original color is **45.3673, -20.2831, 1.3594**, and **13.0437, -8.0239, 1.0179** is the 20% darker color. If you saturate the color by 10%, you get **27.1416, -16.0389, 0.6987**, and if you desaturate by 10%, it is **27.2688, -15.4818, 0.4895**.

Distribution



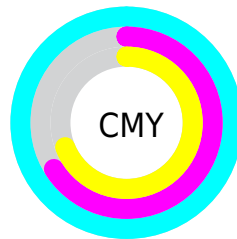
- Red (0%)
- Green (34%)
- Blue (31%)



- Red (0%)
- Yellow (18%)
- Blue (34%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (66%)



- Cyan (100%)
- Magenta (66%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.1412, -16.0384, 0.6982 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 27.1412, -16.0384, 0.6982 by changing the saturation by 10% instead.

■ 27.1412, -16.0384,
0.6982

■ 27.1412, -16.0384,
0.6982

■ 130.6434,
-33.6483, 5.8086

■ 19.2159, -13.6162,
0.3492

■ 45.5052, -20.3957,
1.5556

■ 12.2600, -10.9944,
0.0636

■ 55.8053, -22.4236,
2.0527

■ 5.3934, -9.4385,
-0.6474

■ 66.7831, -24.3858,
2.5906

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 78.3990, -26.2986,
3.1664

0.0000, NaN, NaN

■ 90.6198, -28.1735,
3.7779


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 103.4169,


-30.0193, 4.4231


0.0000, NaN, NaN


 116.7654,
-31.8425, 5.1005


 27.1412, -16.0384,
0.6982


 27.1412, -16.0384,
0.6982


 27.1416, -16.0389,
0.6987

 27.2688, -15.4818,
0.4895

 27.4150, -14.8518,
0.3027

 27.6175, -14.0036,
0.1863

 27.8814, -12.9229,
0.1477

 28.2101, -11.6044,
0.1914

■ 28.6058, -10.0492,
0.3201

■ 29.0699, -8.2635,
0.5346

■ 29.6028, -6.2580,
0.8341

■ 30.2041, -4.0466,
1.2162

Harmonies

Analogous

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



27.1417, -14.6184, 7.7151



27.1412, -16.0384, 0.6982



27.1417, -13.9695, -8.4728

Triad

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



27.1417, -16.0385, 0.6985



27.1417, 8.0776, -15.2980



27.1417, 6.5082, 12.0565

Complementary

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



27.1412, -16.0384, 0.6982



14.3045, 24.6324, 8.1736

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.



27.1417, 13.8533, 8.6778



27.1412, -16.0384, 0.6982



27.1417, 14.8355, -6.7172

Square

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



27.1417, -16.0385, 0.6985



27.1417, -0.6380, -19.3329



27.1417, 17.0690, 2.2339



27.1417, -2.2519, 12.9417

Rectangle

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



27.1412, -16.0384, 0.6982



27.1417, -10.7193, -14.2299



27.1417, 17.0690, 2.2339



27.1417, 9.2597, 11.2402

Sweetspot

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



27.1417, -16.0385, 0.6985



37.9120, -11.0345, 0.6662



26.2339, -21.8534, 15.7822



18.6490, -5.7459, 0.2910



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.1417, -16.0385, 0.6985



35.4459, -21.0121, 1.0548



18.1503, -2.0282, -18.3067



15.3579, -1.9087, 0.6432



33.7359, -19.9879, 0.9811



79.9108, -47.6626, 3.0083

Inverse Universe

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



14.3045, 24.6324, 8.1736



18.6641, 32.0999, 10.9972



17.7026, 14.2379, 11.1569



14.5698, 0.3649, 1.0084



17.7661, 30.5621, 10.4176



42.0253, 72.1292, 25.9183

Previews

White Background



This preview shows how the HunterLab color 27.1412, -16.0384, 0.6982 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 27.1412, -16.0384, 0.6982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

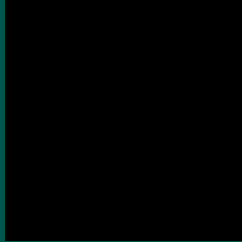
Any Text WCAG AA × Fail

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 27.1412, -16.0384, 0.6982 Background



This preview shows how black text looks on a background with the HunterLab color 27.1412, -16.0384, 0.6982.



This preview shows how white text looks on a background with the HunterLab color 27.1412, -16.0384, 0.6982.

-16.0384, 0.6982.

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

27.1412, -16.0384, 0.6982

Protanopia

27.2725, -1.5972, 3.4488

Deuteranopia

27.3226, 1.6313, -0.0279



Tritanopia

27.2769, -11.6696, -5.4049

Trichromacy



Original Color

27.1412, -16.0384, 0.6982

Protanomaly

26.5657, -9.5758, 1.7430

Deuteranomaly

26.3212, -7.3244, -1.0049

Tritanomaly

27.2710, -13.4969, -3.0356

Monochromacy



Original Color

27.1412, -16.0384, 0.6982

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

22.7983, -8.5586, 0.0885

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.1412, -16.0384, 0.6982 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, 87, 78)` looks like.

```
.text, #text, p{  
    color:rgb(0, 87, 78)  
}
```

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, 87, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 87, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 27.1412, -16.0384, 0.6982 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, 87, 78) }
```


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

```
.border{ border-color:rgb(0, 87, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 87, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 87, 78); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 87, 78); box-shadow:4px  
4px 4px 4px rgb(0, 87, 78) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.1412, -16.0384, 0.6982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 87, 78) }
```

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

```
.background{ background-color: rgb(0, 87,  
78) }
```

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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