

Converting Colors

HunterLab(39.8463, -29.0701,
12.9496)

Have a look what the booklet for
HunterLab(39.8463, -29.0701,
12.9496) contains.

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Color

**HunterLab(40.0036,
-29.2652, 13.1742)**

Conversions

Conversions Part 1

Format	Color
Hex	00804F
RGB	0, 128, 79
RGB Percent	0%, 50%, 31%
CMY	1.0000, 0.4980, 0.6902
CMYK	1.00, 0.00, 0.38, 0.50
HSL	157°, 100%, 25%
HSV	157°, 100%, 50%
XYZ	9.1305, 16.0029, 10.0048
YIQ	84.1420, -60.5590, -42.3750

Conversions

Conversions Part 2

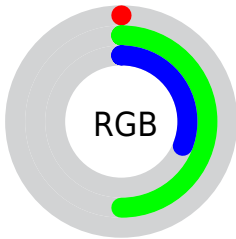
Format	Color
RYB	0, 79, 128
Decimal	32847
CIELab	46.98, -42.47, 18.33
CIELCh	47, 46.254, 156.649
Yxy	16.0035, 0.2598, 0.4554
Android (android.graphics.Color)	4278222927 (0xFF00804F)
YUV	84.1420, -2.5350, -73.7925
Hunter-Lab	40.0036, -29.2652, 13.1742

Details

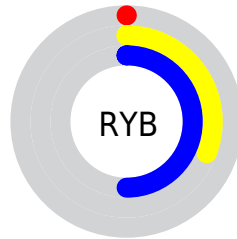
The HunterLab color **40.0036, -29.2652, 13.1742** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **21.9347, 38.5734, 6.3350**, and the grayscale version is **29.8529, -1.5929, 1.6220**.

A 20% lighter version of the original color is **60.5831, -35.5586, 16.3829**, and **23.2879, -18.1988, 10.1783** is the 20% darker color. If you saturate the color by 10%, you get **40.0043, -29.2661, 13.1751**, and if you desaturate by 10%, it is **40.2015, -28.2645, 11.9367**.

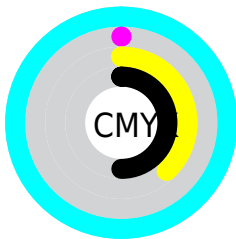
Distribution



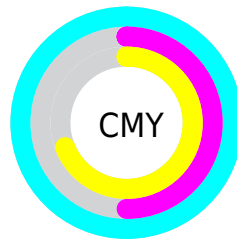
- Red (0%)
- Green (50%)
- Blue (31%)



- Red (0%)
- Yellow (31%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0036, -29.2652, 13.1742 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 40.0036, -29.2652, 13.1742 by changing the saturation by 10% instead.

■ 40.0036, -29.2652,
13.1742

■ 40.0036, -29.2652,
13.1742

151.4472,
-54.6027, 27.2471

■ 30.8653, -25.7664,
11.4310

■ 60.5015, -35.6235,
16.4667

■ 22.5527, -21.9464,
9.5809

■ 71.7614, -38.5784,
18.0522

■ 15.1590, -17.6977,
7.6197

■ 83.6444, -41.4247,
19.6126

■ 8.7899, -15.3824,
6.1530

■ 96.1192, -44.1831,
21.1555

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.1591,
-46.8691, 22.6865

0.0000, NaN, NaN

■ 122.7406,

0.0000, NaN, NaN

-49.4949, 24.2100

0.0000, NaN, NaN

136.8428,
-52.0702, 25.7293

■ 40.0036, -29.2652,
13.1742

■ 40.0036, -29.2652,
13.1742

■ 40.0043, -29.2661,
13.1751

■ 40.2015, -28.2645,
11.9367

■ 40.4615, -26.9989,
10.6740

■ 40.8186, -25.3370,
9.4284

■ 41.2813, -23.2583,
8.2188

■ 41.8552, -20.7573,
7.0623

■ 42.5442, -17.8411,
5.9742

■ 43.3499, -14.5269,
4.9674

■ 44.2725, -10.8403,
4.0520

■ 45.3107, -6.8121,
3.2359

Harmonies

Analogous

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



40.0044, -20.8106, 20.6377



40.0036, -29.2652, 13.1742



40.0044, -31.0936, -1.8351

Triad

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



40.0044, -29.2656, 13.1745



40.0044, 1.9599, -46.4294



40.0044, 29.6768, 17.2928

Complementary

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



40.0036, -29.2652, 13.1742



21.9347, 38.5734, 6.3350

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.



40.0044, 38.4846, 5.8133



40.0036, -29.2652, 13.1742



40.0044, 20.7496, -34.3813

Square

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



40.0044, -29.2656, 13.1745



40.0044, -14.9803, -41.5164



40.0044, 34.9575, -13.2368



40.0044, 12.5644, 22.1723

Rectangle

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



40.0036, -29.2652, 13.1742



40.0044, -28.6623, -15.6330



40.0044, 34.9575, -13.2368



40.0044, 33.8333, 14.3319

Sweetspot

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



40.0044, -29.2656, 13.1745



57.4404, -19.5976, 6.6802



40.1170, -30.2056, 24.1908



27.6032, -10.2598, 3.4567



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



40.0044, -29.2656, 13.1745



53.0536, -38.9986, 17.8745



36.5847, -16.1622, -10.8374



22.0451, -3.1235, 1.5377



39.8349, -29.1398, 13.1142

0.0000, NaN, NaN

Inverse Universe

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



21.9347, 38.5734, 6.3350



29.0585, 51.0161, 9.0675



22.2021, 34.0868, 14.2771



20.9031, 0.9128, 0.8432



21.8419, 38.4128, 6.3004

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.0036, -29.2652, 13.1742 looks on a white background.

Color Contrast Check

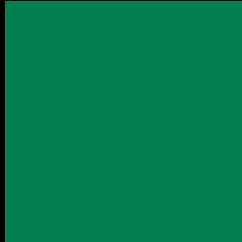
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.0036, -29.2652, 13.1742 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 40.0036, -29.2652, 13.1742 Background



This preview shows how black text looks on a background with the HunterLab color 40.0036, -29.2652, 13.1742.



This preview shows how white text looks on a background with the HunterLab color 40.0036,

-29.2652, 13.1742.

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

40.0036, -29.2652, 13.1742

Protanopia

39.8769, -3.8076, 15.3898

Deuteranopia

39.7158, 2.9221, 12.0025



Tritanopia

40.2068, -15.9725, -7.6952

Trichromacy



Original Color

40.0036, -29.2652, 13.1742

Protanomaly

38.4816, -17.7479, 13.1454

Deuteranomaly

38.0563, -14.4993, 10.7597

Tritanomaly

39.8356, -21.7890, 0.9126

Monochromacy



Original Color

40.0036, -29.2652, 13.1742

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

32.3735, -15.0337, 5.0655

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0036, -29.2652, 13.1742 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, 128, 79)` looks like.

```
.text, #text, p{  
    color:rgb(0, 128, 79)  
}
```

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, 128, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 128, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0036, -29.2652, 13.1742 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, 128, 79) }
```


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

```
.border{ border-color:rgb(0, 128, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 128, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 128, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 128, 79);  
box-shadow:4px 4px 4px 4px rgb(0, 128, 79)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 40.0036, -29.2652, 13.1742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 128, 79) }
```

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

```
.background{ background-color: rgb(0, 128,  
79) }
```

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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