

Converting Colors

HunterLab(40.7817, -29.2548,
12.1790)

Have a look what the booklet for
HunterLab(40.7817, -29.2548,
12.1790) contains.

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Color

**HunterLab(40.7690,
-29.2162, 12.1116)**

Conversions

Conversions Part 1

Format	Color
Hex	008255
RGB	0, 130, 85
RGB Percent	0%, 51%, 33%
CMY	1.0000, 0.4902, 0.6667
CMYK	1.00, 0.00, 0.35, 0.49
HSL	159°, 100%, 25%
HSV	159°, 100%, 51%
XYZ	9.6223, 16.6211, 11.2953
YIQ	86.0000, -63.0350, -41.5550

Conversions

Conversions Part 2

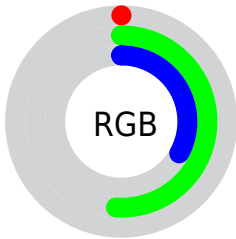
Format	Color
RYB	0, 79, 130
Decimal	33365
CIELab	47.78, -41.88, 15.99
CIELCh	48, 44.826, 159.102
Yxy	16.6218, 0.2563, 0.4428
Android (android.graphics.Color)	4278223445 (0xFF008255)
YUV	86.0000, -0.4930, -75.4220
Hunter-Lab	40.7690, -29.2162, 12.1116

Details

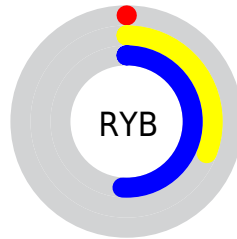
The HunterLab color **40.7690, -29.2162, 12.1116** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **22.2163, 38.8976, 7.7431**, and the grayscale version is **30.5250, -1.6287, 1.6585**.

A 20% lighter version of the original color is **61.3942, -35.5153, 15.0730**, and **23.9551, -18.3584, 9.6888** is the 20% darker color. If you saturate the color by 10%, you get **40.7697, -29.2170, 12.1125**, and if you desaturate by 10%, it is **40.9648, -28.2308, 10.9087**.

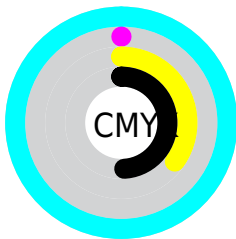
Distribution



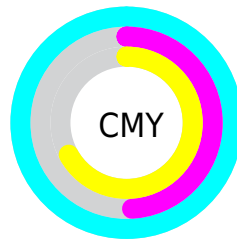
- Red (0%)
- Green (51%)
- Blue (33%)



- Red (0%)
- Yellow (31%)
- Blue (51%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (49%)



- Cyan (100%)
- Magenta (49%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7690, -29.2162, 12.1116 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 40.7690, -29.2162, 12.1116 by changing the saturation by 10% instead.

■ 40.7690, -29.2162,
12.1116

■ 40.7690, -29.2162,
12.1116

152.6379,
-54.1993, 25.0828

■ 31.5677, -25.7841,
10.5476

■ 61.3794, -35.4677,
15.0970

■ 23.1860, -22.0452,
8.9016

■ 72.6905, -38.3780,
16.5474

■ 15.7145, -17.8615,
7.1269

■ 84.6219, -41.1839,
17.9819

■ 9.2805, -16.2409,
6.4964

■ 97.1429, -43.9052,
19.4067

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.2270,
-46.5567, 20.8261

0.0000, NaN, NaN

■ 123.8509,

0.0000, NaN, NaN

-49.1504, 22.2436

0.0000, NaN, NaN

137.9940,
-51.6954, 23.6618

■ 40.7690, -29.2162,
12.1116

■ 40.7690, -29.2162,
12.1116

■ 40.7697, -29.2170,
12.1125

■ 40.9648, -28.2308,
10.9087

■ 41.2234, -26.9805,
9.6981

■ 41.5796, -25.3345,
8.5228

■ 42.0421, -23.2713,
7.4016

■ 42.6170, -20.7840,
6.3511

■ 43.3079, -17.8789,
5.3857

■ 44.1170, -14.5725,
4.5170

■ 45.0443, -10.8894,
3.7539

■ 46.0889, -6.8602,
3.1027

Harmonies

Analogous

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



40.7698, -21.3982, 20.1287



40.7690, -29.2162, 12.1116



40.7698, -30.4966, -3.2077

Triad

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



40.7698, -29.2165, 12.1119



40.7698, 3.3141, -44.0706



40.7698, 27.5422, 17.7475

Complementary

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



40.7690, -29.2162, 12.1116



22.2163, 38.8976, 7.7431

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.



40.7698, 36.8994, 6.9895



40.7690, -29.2162, 12.1116



40.7698, 21.4322, -31.4931

Square

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



40.7698, -29.2165, 12.1119



40.7698, -13.5586, -40.7547



40.7698, 34.4915, -11.0124



40.7698, 10.6074, 22.2911

Rectangle

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



40.7690, -29.2162, 12.1116



40.7698, -27.7295, -16.7439



40.7698, 34.4915, -11.0124



40.7698, 31.7983, 14.9751

Sweetspot

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



40.7698, -29.2165, 12.1119



58.4662, -19.6549, 6.0688



40.6636, -31.2701, 24.5090



27.6299, -10.1050, 3.0738



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.



40.7698, -29.2165, 12.1119



54.0766, -38.9329, 16.4538



35.8782, -14.7277, -13.0511



22.0508, -3.0914, 1.4555



39.9229, -28.5989, 11.8366

0.0000, NaN, NaN

Inverse Universe

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



22.2163, 38.8976, 7.7431



29.4380, 51.4602, 10.9079



22.8671, 33.7319, 14.6807



20.8972, 0.8811, 0.9270



21.7564, 38.0990, 7.5426

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.7690, -29.2162, 12.1116 looks on a white background.

Color Contrast Check

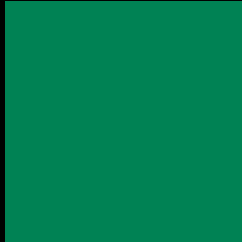
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.7690, -29.2162, 12.1116 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 40.7690, -29.2162, 12.1116 Background



This preview shows how black text looks on a background with the HunterLab color 40.7690, -29.2162, 12.1116.



This preview shows how white text looks on a background with the HunterLab color 40.7690,

-29.2162, 12.1116.

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

40.7690, -29.2162, 12.1116

Protanopia

40.6176, -3.8149, 14.4404

Deuteranopia

40.4584, 2.9819, 10.8074



Tritanopia

40.8588, -16.4882, -7.8400

Trichromacy



Original Color

40.7690, -29.2162, 12.1116

Protanomaly

39.2523, -17.6507, 12.1196

Deuteranomaly

38.8332, -14.3482, 9.5816

Tritanomaly

40.5510, -22.0159, 0.4435

Monochromacy



Original Color

40.7690, -29.2162, 12.1116

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

33.1464, -14.8889, 4.4159

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7690, -29.2162, 12.1116 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, 130, 85)` looks like.

```
.text, #text, p{  
    color:rgb(0, 130, 85)  
}
```

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, 130, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 130, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7690, -29.2162, 12.1116 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, 130, 85) }
```


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

```
.border{ border-color:rgb(0, 130, 85) }
```

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

Here you see how a box with a 4 pixel rgb(0, 130, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 130, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 130, 85);  
box-shadow:4px 4px 4px 4px rgb(0, 130, 85)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 40.7690, -29.2162, 12.1116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 130, 85) }
```

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

```
.background{ background-color: rgb(0, 130,  
85) }
```

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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