

Converting Colors

HunterLab(40.8506, -37.6312,
10.5106)

Have a look what the booklet for
HunterLab(40.8506, -37.6312,
10.5106) contains.

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Color

**HunterLab(42.5043,
-30.2473, 12.1686)**

Conversions

Conversions Part 1

Format	Color
Hex	00875A
RGB	0, 135, 90
RGB Percent	0%, 53%, 35%
CMY	1.0000, 0.4706, 0.6471
CMYK	1.00, 0.00, 0.33, 0.47
HSL	160°, 100%, 26%
HSV	160°, 100%, 53%
XYZ	10.5095, 18.0662, 12.6061
YIQ	89.5050, -66.0150, -42.6150

Conversions

Conversions Part 2

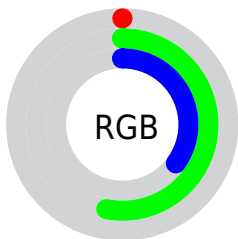
Format	Color
RYB	0, 81, 135
Decimal	34650
CIELab	49.58, -42.67, 15.59
CIELCh	50, 45.429, 159.935
Yxy	18.0669, 0.2552, 0.4387
Android (android.graphics.Color)	4278224730 (0xFF00875A)
YUV	89.5050, 0.2440, -78.4959
Hunter-Lab	42.5043, -30.2473, 12.1686

Details


The HunterLab color **42.5043, -30.2473, 12.1686** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **23.1102, 40.3950, 8.5759**, and the grayscale version is **31.8108, -1.6973, 1.7283**.

A 20% lighter version of the original color is **63.2756, -36.4708, 15.1035**, and **25.5392, -19.3579, 9.8663** is the 20% darker color. If you saturate the color by 10%, you get **42.5050, -30.2482, 12.1697**, and if you desaturate by 10%, it is **42.7028, -29.2473, 10.9338**.

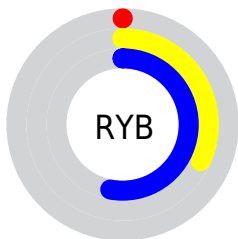
Distribution



 Red (0%)

 Green (53%)

 Blue (35%)



 Red (0%)

 Yellow (32%)

 Blue (53%)

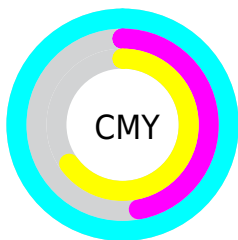


 Cyan (100%)


 Magenta (0%)

 Yellow (33%)

 Black (47%)



 Cyan (100%)

 Magenta (47%)

 Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.5043, -30.2473, 12.1686 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 42.5043, -30.2473, 12.1686 by changing the saturation by 10% instead.

■ 42.5043, -30.2473,
12.1686

■ 42.5043, -30.2473,
12.1686

155.3215,
-55.4675, 24.9371

■ 33.1632, -26.8002,
10.6448

■ 63.3650, -36.5439,
15.0911

■ 24.6282, -23.0572,
9.0486

■ 74.7901, -39.4804,
16.5157

■ 16.9851, -18.8901,
7.3389

■ 86.8296, -42.3135,
17.9272

■ 10.3536, -18.1188,
6.8765

■ 99.4537, -45.0624,
19.3309

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.6364,
-47.7419, 20.7309

0.0000, NaN, NaN

■ 126.3550,

0.0000, NaN, NaN

-50.3634, 22.1305

0.0000, NaN, NaN

140.5894,
-52.9361, 23.5319

■ 42.5043, -30.2473,
12.1686

■ 42.5043, -30.2473,
12.1686

■ 42.5050, -30.2482,
12.1697

■ 42.7028, -29.2473,
10.9338

■ 42.9682, -27.9657,
9.6981

■ 43.3352, -26.2729,
8.5052

■ 43.8131, -24.1451,
7.3747

■ 44.4084, -21.5748,
6.3237

■ 45.1252, -18.5677,
5.3669

■ 45.9654, -15.1407,
4.5162

■ 46.9296, -11.3193,
3.7803

■ 48.0165, -7.1350,
3.1652

Harmonies

Analogous

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



42.5051, -22.3664, 20.6641



42.5043, -30.2473, 12.1686



42.5051, -31.3831, -3.7979

Triad

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



42.5051, -30.2476, 12.1689



42.5051, 3.8968, -44.8613



42.5051, 27.8108, 18.5404

Complementary

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



42.5043, -30.2473, 12.1686



23.1102, 40.3950, 8.5759

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.



42.5051, 37.6863, 7.6340



42.5043, -30.2473, 12.1686



42.5051, 22.4313, -31.6638

Square

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



42.5051, -30.2476, 12.1689



42.5051, -13.5535, -41.9552



42.5051, 35.5680, -10.6701



42.5051, 10.3285, 23.1316

Rectangle

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



42.5043, -30.2473, 12.1686



42.5051, -28.3998, -17.7225



42.5051, 35.5680, -10.6701



42.5051, 32.2526, 15.7310

Sweetspot

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



42.5051, -30.2476, 12.1689



61.4288, -20.5891, 6.1159



42.3545, -32.6147, 25.5274



29.3558, -10.7425, 3.1378



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



42.5051, -30.2476, 12.1689



56.8528, -40.6425, 16.6745



37.3559, -15.3144, -13.6314



22.9198, -3.2150, 1.4846



40.8188, -29.0271, 11.6412



2.4307, -1.5371, 0.2801

Inverse Universe

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



23.1102, 40.3950, 8.5759



30.8812, 53.8958, 12.1183



23.7919, 35.2414, 15.2768



21.7081, 0.9196, 0.9922



22.1964, 38.8095, 8.1608



1.3534, 2.4554, -0.1924

Previews

White Background



This preview shows how the HunterLab color 42.5043, -30.2473, 12.1686 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 42.5043, -30.2473, 12.1686 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 42.5043, -30.2473, 12.1686 Background



This preview shows how black text looks on a background with the HunterLab color 42.5043, -30.2473, 12.1686.



This preview shows how white text looks on a background with the HunterLab color 42.5043,

-30.2473, 12.1686.

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

42.5043, -30.2473, 12.1686

Protanopia

42.2419, -3.6224, 14.7616

Deuteranopia

42.2738, 2.5492, 10.9091



Tritanopia

42.6250, -17.2948, -8.0133

Trichromacy



Original Color

42.5043, -30.2473, 12.1686

Protanomaly

41.0128, -18.4973, 12.5237

Deuteranomaly

40.6095, -15.0516, 9.6402

Tritanomaly

42.2955, -22.9391, 0.3032

Monochromacy



Original Color

42.5043, -30.2473, 12.1686

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

34.5197, -15.4902, 4.3859

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.5043, -30.2473, 12.1686 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, 135, 90)` looks like.

```
.text, #text, p{  
    color:rgb(0, 135, 90)  
}
```

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, 135, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 135, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 42.5043, -30.2473, 12.1686 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, 135, 90) }
```


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

```
.border{ border-color:rgb(0, 135, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 135, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 135, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 135, 90);  
box-shadow:4px 4px 4px 4px rgb(0, 135, 90)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 42.5043, -30.2473, 12.1686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 135, 90) }
```

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

```
.background{ background-color: rgb(0, 135,  
90) }
```

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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