

Converting Colors

HunterLab(42.9342, -27.9719,
6.7192)

Have a look what the booklet for
HunterLab(42.9342, -27.9719,
6.7192) contains.

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Color

**HunterLab(42.8830,
-27.9349, 6.7034)**

Conversions

Conversions Part 1

Format	Color
Hex	00876B
RGB	0, 135, 107
RGB Percent	0%, 53%, 42%
CMY	1.0000, 0.4706, 0.5804
CMYK	1.00, 0.00, 0.21, 0.47
HSL	168°, 100%, 26%
HSV	168°, 100%, 53%
XYZ	11.3178, 18.3895, 16.8629
YIQ	91.4430, -71.4720, -37.3280

Conversions

Conversions Part 2

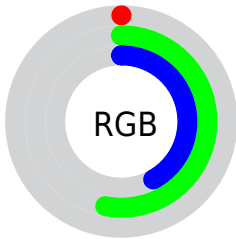
Format	Color
RYB	0, 75, 135
Decimal	34667
CIELab	49.97, -38.35, 6.33
CIELCh	50, 38.865, 170.627
Yxy	18.3902, 0.2430, 0.3949
Android (android.graphics.Color)	4278224747 (0xFF00876B)
YUV	91.4430, 7.6696, -80.1955
Hunter-Lab	42.8830, -27.9349, 6.7034

Details

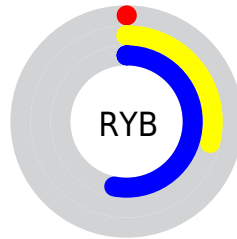
The HunterLab color **42.8830, -27.9349, 6.7034** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **22.8806, 39.5477, 11.9425**, and the grayscale version is **32.5015, -1.7342, 1.7659**.

A 20% lighter version of the original color is **63.7634, -33.6255, 8.6236**, and **25.8203, -17.6302, 5.7853** is the 20% darker color. If you saturate the color by 10%, you get **42.8837, -27.9358, 6.7046**, and if you desaturate by 10%, it is **43.0576, -27.0893, 5.8224**.

Distribution



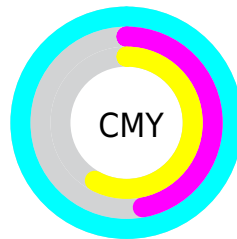
- Red (0%)
- Green (53%)
- Blue (42%)



- Red (0%)
- Yellow (29%)
- Blue (53%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (47%)



- Cyan (100%)
- Magenta (47%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.8830, -27.9349, 6.7034 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 42.8830, -27.9349, 6.7034 by changing the saturation by 10% instead.

■ 42.8830, -27.9349,
6.7034

■ 42.8830, -27.9349,
6.7034

155.9043,
-51.0563, 15.4273

■ 33.5120, -24.8216,
5.8083

■ 63.7975, -33.6533,
8.5269

■ 24.9441, -21.4553,
4.9161

■ 75.2470, -36.3334,
9.4601

■ 17.2644, -17.7244,
4.0161

■ 87.3098, -38.9268,
10.4100

■ 10.5906, -16.6364,
3.1654

■ 99.9561, -41.4499,
11.3772

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 113.1601,
-43.9155, 12.3623

0.0000, NaN, NaN

■ 126.8991,

0.0000, NaN, NaN

-46.3334, 13.3656

0.0000, NaN, NaN

141.1532,
-48.7116, 14.3872

■ 42.8830, -27.9349,
6.7034

■ 42.8830, -27.9349,
6.7034

■ 42.8837, -27.9358,
6.7046

■ 43.0576, -27.0893,
5.8224

■ 43.2956, -25.9847,
4.9900

■ 43.6316, -24.4922,
4.2510

■ 44.0750, -22.5855,
3.6221

■ 44.6325, -20.2539,
3.1168

■ 45.3087, -17.4993,
2.7449

■ 46.1058, -14.3345,
2.5128

■ 47.0248, -10.7808,
2.4240

■ 48.0648, -6.8661,
2.4786

Harmonies

Analogous

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



42.8838, -23.0023, 16.7172



42.8830, -27.9349, 6.7034



42.8838, -26.7926, -8.9156

Triad

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



42.8838, -27.9351, 6.7038



42.8838, 8.7339, -33.6269



42.8838, 18.3238, 18.9883

Complementary

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



42.8830, -27.9349, 6.7034



22.8806, 39.5477, 11.9425

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.



42.8838, 29.3554, 11.1771



42.8830, -27.9349, 6.7034



42.8838, 23.2952, -19.8540

Square

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



42.8838, -27.9351, 6.7038



42.8838, -7.0419, -36.1692



42.8838, 31.2938, -2.5497



42.8838, 2.6772, 21.9561

Rectangle

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



42.8830, -27.9349, 6.7034



42.8838, -22.6658, -20.5620



42.8838, 31.2938, -2.5497



42.8838, 22.7829, 17.0070

Sweetspot

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



42.8838, -27.9351, 6.7038



61.6205, -19.4870, 3.3777



41.9448, -34.3437, 25.2445



29.4584, -10.1497, 1.6720



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.



42.8838, -27.9351, 6.7038



57.3659, -37.5081, 9.2669



32.0212, -7.9545, -22.8510



22.9407, -3.0986, 1.1862



41.1817, -26.8112, 6.4042



2.4451, -1.4500, 0.0740

Inverse Universe

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



22.8806, 39.5477, 11.9425



30.5855, 52.8050, 16.4579



25.6007, 29.7592, 16.2953



21.6872, 0.8070, 1.2905



21.9745, 37.9917, 11.4119



1.3272, 2.3602, 0.1806

Previews

White Background



This preview shows how the HunterLab color 42.8830, -27.9349, 6.7034 looks on a white 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

Black Background



This preview shows how the HunterLab color 42.8830, -27.9349, 6.7034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

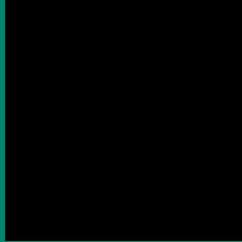
Any Text WCAG AA ✓ Pass

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 42.8830, -27.9349, 6.7034 Background



This preview shows how black text looks on a background with the HunterLab color 42.8830, -27.9349, 6.7034.



This preview shows how white text looks on a background with the HunterLab color 42.8830,

-27.9349, 6.7034.

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

42.8830, -27.9349, 6.7034

Protanopia

42.6599, -2.9347, 10.1756

Deuteranopia

42.5559, 2.9477, 4.9172



Tritanopia

42.8483, -17.8922, -8.7791

Trichromacy



Original Color

42.8830, -27.9349, 6.7034

Protanomaly

41.3042, -16.6855, 7.4862

Deuteranomaly

41.1457, -13.7416, 3.8561

Tritanomaly

42.7868, -22.1460, -2.8022

Monochromacy



Original Color

42.8830, -27.9349, 6.7034

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

35.0400, -14.6558, 2.1989

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.8830, -27.9349, 6.7034 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, 107)` looks like.

```
.text, #text, p{  
    color:rgb(0, 135, 107)  
}
```

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, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 135, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 42.8830, -27.9349, 6.7034 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, 107) }
```


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

```
.border{ border-color:rgb(0, 135, 107) }
```

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, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 135, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 135, 107);  
box-shadow:4px 4px 4px 4px rgb(0, 135,  
107) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.8830, -27.9349, 6.7034 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, 107) }
```

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

```
.background{ background-color: rgb(0, 135,  
107) }
```

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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