

Converting Colors

HunterLab(42.4496, -31.7891,
22.7357)

Have a look what the booklet for
HunterLab(42.4496, -31.7891,
22.7357) contains.

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Color

**HunterLab(42.4460,
-31.8667, 22.7930)**

Conversions

Conversions Part 1

Format	Color
Hex	2C8728
RGB	44, 135, 40
RGB Percent	17%, 53%, 16%
CMY	0.8274, 0.4706, 0.8431
CMYK	0.67, 0.00, 0.70, 0.47
HSL	117°, 54%, 34%
HSV	117°, 70%, 53%
XYZ	10.0857, 18.0166, 4.9535
YIQ	96.9610, -23.7410, -48.8370

Conversions

Conversions Part 2

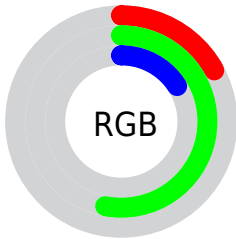
Format	Color
RYB	40, 135, 131
Decimal	2918184
CIELab	49.52, -45.68, 41.56
CIELCh	50, 61.760, 137.705
Yxy	18.0174, 0.3051, 0.5450
Android (android.graphics.Color)	4281108264 (0xFF2C8728)
YUV	96.9610, -28.0818, -46.4468
Hunter-Lab	42.4460, -31.8667, 22.7930

Details

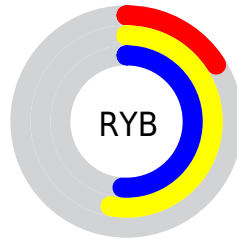
The HunterLab color **42.4460, -31.8667, 22.7930** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **28.4480, 41.1551, -29.5242**, and the grayscale version is **34.6685, -1.8498, 1.8836**.

A 20% lighter version of the original color is **63.2125, -38.5510, 29.2037**, and **25.1806, -21.5924, 15.1382** is the 20% darker color. If you saturate the color by 10%, you get **42.0689, -33.6358, 23.9145**, and if you desaturate by 10%, it is **42.9631, -29.4746, 21.2252**.

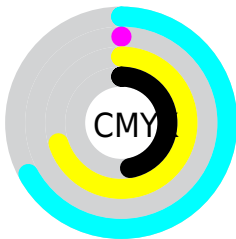
Distribution



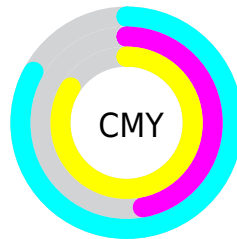
- Red (17%)
- Green (53%)
- Blue (16%)



- Red (16%)
- Yellow (53%)
- Blue (51%)



- Cyan (67%)
- Magenta (0%)
- Yellow (70%)
- Black (47%)



- Cyan (83%)
- Magenta (47%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.4460, -31.8667, 22.7930 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 42.4460, -31.8667, 22.7930 by changing the saturation by 10% instead.

■ 42.4460, -31.8667,
22.7930

■ 42.4460, -31.8667,
22.7930

155.2318,
-58.5499, 48.1997

■ 33.1096, -28.1890,
19.3053

■ 63.2985, -38.5653,
29.1760

■ 24.5797, -24.1866,
15.6323

■ 74.7197, -41.6802,
32.1464

■ 16.9422, -19.7222,
11.8596

■ 86.7557, -44.6804,
35.0057

■ 10.3172, -18.0551,
7.2220

■ 99.3763, -47.5869,
37.7737

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.5558,
-50.4156, 40.4660

0.0000, NaN, NaN

■ 126.2713,

0.0000, NaN, NaN

-53.1793, 43.0947

0.0000, NaN, NaN

140.5026,
-55.8881, 45.6699

■ 42.4460, -31.8667,
22.7930

■ 42.4460, -31.8667,
22.7930

■ 42.0689, -33.6358,
23.9145

■ 42.9631, -29.4746,
21.2252

■ 41.8182, -34.8126,
24.6188

■ 43.6246, -26.4500,
19.2003

■ 41.6717, -35.5075,
25.0563

■ 44.4355, -22.8071,
16.7244

■ 45.3972, -18.5769,
13.8165

■ 46.5088, -13.8036,
10.5063

■ 47.7674, -8.5402,
6.8299

■ 49.1688, -2.8438,
2.8275

■ 50.7075, 3.2271,
-1.4595

■ 52.3772, 9.6164,
-5.9907

Harmonies

Analogous

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



42.4469, -15.7015, 26.6983



42.4460, -31.8667, 22.7930



42.4469, -39.2698, 10.8106

Triad

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



42.4469, -31.8673, 22.7932



42.4469, -11.8673, -69.2414



42.4469, 52.7719, 13.8324

Complementary

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



42.4460, -31.8667, 22.7930



28.4480, 41.1551, -29.5242

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.



42.4469, 54.4645, -8.4183



42.4460, -31.8667, 22.7930



42.4469, 13.0785, -66.6796

Square

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



42.4469, -31.8673, 22.7932



42.4469, -29.6130, -46.1932



42.4469, 38.6403, -40.4294



42.4469, 34.4376, 23.9237

Rectangle

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



42.4460, -31.8667, 22.7930



42.4469, -39.6746, -4.1678



42.4469, 38.6403, -40.4294



42.4469, 55.4349, 7.9054

Sweetspot

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



42.4469, -31.8673, 22.7932



62.0636, -19.2091, 14.5724



46.1919, -9.7655, 25.7152



29.6908, -9.9970, 7.5359



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.



42.4469, -31.8673, 22.7932



56.0910, -45.9726, 32.5868



42.8959, -28.9141, 14.6838



22.8329, -3.7376, 3.0217



40.0173, -34.0881, 24.0617



2.3675, -1.9549, 1.4246

Inverse Universe

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



28.4480, 41.1551, -29.5242



35.3362, 63.2864, -45.9923



27.2875, 35.2832, -4.6941



21.8017, 1.4665, -0.6838



24.3749, 48.3602, -35.5470



1.4612, 2.8848, -2.0203

Previews

White Background



This preview shows how the HunterLab color 42.4460, -31.8667, 22.7930 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 42.4460, -31.8667, 22.7930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

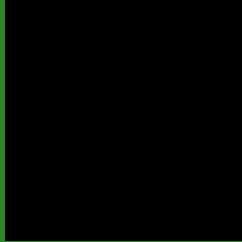
Any Text WCAG AA ✓ Pass

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 42.4460, -31.8667, 22.7930 Background



This preview shows how black text looks on a background with the HunterLab color 42.4460, -31.8667, 22.7930.



This preview shows how white text looks on a background with the HunterLab color 42.4460, -31.8667, 22.7930.

-31.8667, 22.7930.

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

42.4460, -31.8667, 22.7930

Protanopia

42.0348, -5.5121, 23.5623

Deuteranopia

41.9548, 2.7149, 21.9482



Tritanopia

42.3417, -13.8613, -6.7678

Trichromacy



Original Color

42.4460, -31.8667, 22.7930

Protanomaly

41.4747, -17.9774, 22.7397

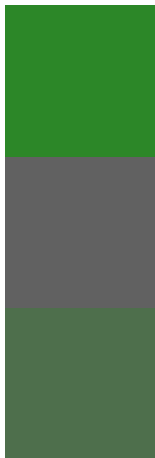
Deuteranomaly

41.0007, -13.5243, 21.4376

Tritanomaly

41.9165, -22.2400, 8.0244

Monochromacy



Original Color

42.4460, -31.8667, 22.7930

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

36.7565, -15.1256, 11.3552

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.4460, -31.8667, 22.7930 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(44, 135, 40)` looks like.

```
.text, #text, p{  
    color:rgb(44, 135, 40)  
}
```

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(44, 135, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 135, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 42.4460, -31.8667, 22.7930 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(44, 135, 40) }
```


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

```
.border{ border-color:rgb(44, 135, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 135, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 135, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 135, 40);  
box-shadow:4px 4px 4px 4px rgb(44, 135,  
40) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.4460, -31.8667, 22.7930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 135, 40) }
```

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

```
.background{ background-color: rgb(44, 135,  
40) }
```

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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