

Converting Colors

HunterLab(42.4028, -30.7249,
25.5905)

Have a look what the booklet for
HunterLab(42.4028, -30.7249,
25.5905) contains.

HunterLab(42.4028, -30.7249, 25.5905)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(42.4028,
-30.7249, 25.5905)**

Conversions

Conversions Part 1

Format	Color
Hex	3B8600
RGB	59, 134, 0
RGB Percent	23%, 53%, 0%
CMY	0.7686, 0.4745, 1.0000
CMYK	0.56, 0.00, 1.00, 0.47
HSL	94°, 100%, 26%
HSV	94°, 100%, 53%
XYZ	10.3287, 17.9800, 2.9261
YIQ	96.2990, -1.6860, -57.5740

Conversions

Conversions Part 2

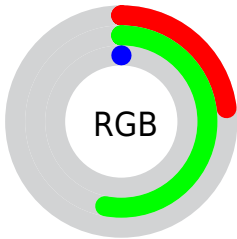
Format	Color
RYB	0, 134, 75
Decimal	3900928
CIELab	49.47, -43.61, 52.97
CIELCh	49, 68.613, 129.459
Yxy	17.9807, 0.3307, 0.5756
Android (android.graphics.Color)	4282091008 (0xFF3B8600)
YUV	96.2990, -47.4754, -32.7112
Hunter-Lab	42.4028, -30.7249, 25.5905

Details

The HunterLab color $42.4028, -30.7249, 25.5905$ is a dark color, and the websafe version is hex 339900 . A complement of this color would be $17.9385, 40.3125, -62.7898$, and the grayscale version is $34.4856, -1.8401, 1.8737$.

A 20% lighter version of the original color is $63.2492, -37.2058, 33.4909$, and $24.8727, -21.3283, 14.9531$ is the 20% darker color. If you saturate the color by 10%, you get $42.4035, -30.7266, 25.5909$, and if you desaturate by 10%, it is $42.7279, -29.3158, 25.2677$.

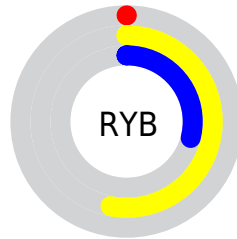
Distribution



Red (23%)

Green (53%)

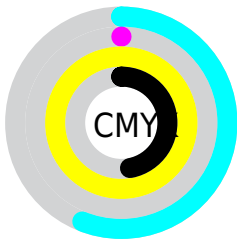
Blue (0%)



Red (0%)

Yellow (53%)

Blue (29%)

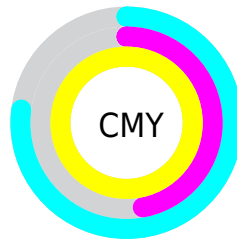


Cyan (56%)

Magenta (0%)

Yellow (100%)

Black (47%)



Cyan (77%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.4028, -30.7249, 25.5905 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 42.4028, -30.7249, 25.5905 by changing the saturation by 10% instead.

■ 42.4028, -30.7249,
25.5905

■ 42.4028, -30.7249,
25.5905

155.1652,
-56.4052, 56.8708

■ 33.0699, -27.2046,
21.2534

■ 63.2491, -37.1491,
33.5443

■ 24.5437, -23.3783,
17.1806

■ 74.6676, -40.1418,
37.2324

■ 16.9104, -19.1148,
11.8373

■ 86.7009, -43.0274,
40.7687

■ 10.2903, -18.0080,
7.2032

■ 99.3190, -45.8257,
44.1771

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.4960,
-48.5519, 47.4770


0.0000, NaN, NaN


■ 126.2092,


0.0000, NaN, NaN


-51.2179, 50.6842


0.0000, NaN, NaN


 140.4383,
-53.8331, 53.8119


 42.4028, -30.7249,
25.5905


 42.4028, -30.7249,
25.5905


 42.4035, -30.7266,
25.5909

 42.7279, -29.3158,
25.2677

 43.1104, -27.6398,
24.6703

 43.5628, -25.6361,
23.6365

 44.0881, -23.2970,
22.1298

 44.6884, -20.6226,
20.1282

■ 45.3647, -17.6195,
17.6215

■ 46.1174, -14.2991,
14.6094

■ 46.9461, -10.6770,
11.0997

■ 47.8500, -6.7713,
7.1066

Harmonies

Analogous

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



42.4037, -10.5486, 27.9248



42.4028, -30.7249, 25.5905



42.4037, -41.0639, 16.3528

Triad

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



42.4037, -30.7257, 25.5907



42.4037, -19.1504, -76.0873



42.4037, 62.9005, 9.7195

Complementary

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



42.4028, -30.7249, 25.5905



17.9385, 40.3125, -62.7898

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.



42.4037, 58.9084, -19.2070



42.4028, -30.7249, 25.5905



42.4037, 6.7081, -82.3501

Square

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



42.4037, -30.7257, 25.5907



42.4037, -35.6492, -43.2474



42.4037, 36.5017, -57.1462



42.4037, 46.3294, 23.3550

Rectangle

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



42.4028, -30.7249, 25.5905



42.4037, -43.0129, 2.7766



42.4037, 36.5017, -57.1462



42.4037, 63.9965, 1.8343

Sweetspot

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



42.4037, -30.7257, 25.5907



61.1435, -19.2866, 19.6792



31.5071, 14.3271, 19.6648



28.8480, -9.9191, 10.0471



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



42.4037, -30.7257, 25.5907



56.2060, -41.1074, 33.9142



41.3107, -35.2964, 24.5610



23.0166, -3.0812, 3.2340



41.0559, -29.7135, 24.7783



2.5020, -1.4013, 1.5172

Inverse Universe

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



17.9385, 40.3125, -62.7898



23.6165, 53.2848, -84.2791



25.7079, 50.0146, -29.8297



21.5951, 0.7698, -0.9585



17.3827, 39.0477, -60.6998



1.2165, 2.5427, -2.7747

Previews

White Background



This preview shows how the HunterLab color 42.4028, -30.7249, 25.5905 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 42.4028, -30.7249, 25.5905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

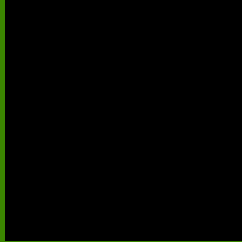
Any Text WCAG AA ✓ Pass

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 42.4028, -30.7249, 25.5905 Background



This preview shows how black text looks on a background with the HunterLab color 42.4028, -30.7249, 25.5905.



This preview shows how white text looks on a background with the HunterLab color 42.4028,

-30.7249, 25.5905.

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

42.4028, -30.7249, 25.5905

Protanopia

41.9858, -5.9752, 25.7669

Deuteranopia

42.0188, 2.6215, 24.3875



Tritanopia

42.5191, -11.7255, -5.9679

Trichromacy



Original Color

42.4028, -30.7249, 25.5905

Protanomaly

41.4357, -16.9035, 25.2366

Deuteranomaly

41.0879, -12.0551, 24.2813

Tritanomaly

41.8186, -21.6566, 12.9069

Monochromacy



Original Color

42.4028, -30.7249, 25.5905

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

36.5072, -15.0641, 15.0618

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.4028, -30.7249, 25.5905 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(59, 134, 0)` looks like.

```
.text, #text, p{  
    color:rgb(59, 134, 0)  
}
```

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(59, 134, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 134, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 42.4028, -30.7249, 25.5905 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(59, 134, 0) }
```


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

```
.border{ border-color:rgb(59, 134, 0) }
```

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

Here you see how a box with a 4 pixel rgb(59, 134, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 134, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 134, 0);  
box-shadow:4px 4px 4px 4px rgb(59, 134, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 42.4028, -30.7249, 25.5905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 134, 0) }
```

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

```
.background{ background-color: rgb(59, 134,  
0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor