

Converting Colors

HunterLab(41.9453, -30.2358,
22.8527)

Have a look what the booklet for
HunterLab(41.9453, -30.2358,
22.8527) contains.

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Color

**HunterLab(42.0304,
-30.2784, 22.8998)**

Conversions

Conversions Part 1

Format	Color
Hex	358525
RGB	53, 133, 37
RGB Percent	21%, 52%, 15%
CMY	0.7922, 0.4784, 0.8549
CMYK	0.60, 0.00, 0.72, 0.48
HSL	110°, 56%, 33%
HSV	110°, 72%, 52%
XYZ	10.1897, 17.6655, 4.6230
YIQ	98.1360, -16.8640, -46.8160

Conversions

Conversions Part 2

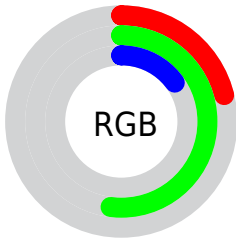
Format	Color
RYB	37, 133, 117
Decimal	3507493
CIELab	49.09, -43.03, 42.45
CIElCh	49, 60.440, 135.388
Yxy	17.6663, 0.3137, 0.5439
Android (android.graphics.Color)	4281697573 (0xFF358525)
YUV	98.1360, -30.1400, -39.5843
Hunter-Lab	42.0304, -30.2784, 22.8998

Details

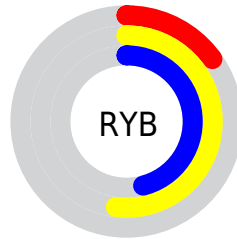
The HunterLab color **42.0304, -30.2784, 22.8998** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **26.0754, 38.1061, -33.7237**, and the grayscale version is **35.1139, -1.8736, 1.9078**.

A 20% lighter version of the original color is **62.8462, -36.5927, 29.3748**, and **24.5654, -21.0648, 14.7683** is the 20% darker color. If you saturate the color by 10%, you get **41.6305, -32.1153, 23.8825**, and if you desaturate by 10%, it is **42.5459, -27.9274, 21.4744**.

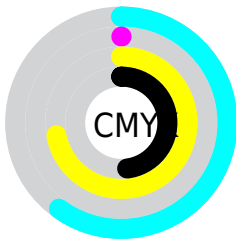
Distribution



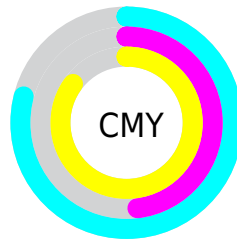
- Red (21%)
- Green (52%)
- Blue (15%)



- Red (15%)
- Yellow (52%)
- Blue (46%)



- Cyan (60%)
- Magenta (0%)
- Yellow (72%)
- Black (48%)



- Cyan (79%)
- Magenta (48%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.0304, -30.2784, 22.8998 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 42.0304, -30.2784, 22.8998 by changing the saturation by 10% instead.

■ 42.0304, -30.2784,
22.8998

■ 42.0304, -30.2784,
22.8998

154.5908,
-55.7106, 48.7968

■ 32.7272, -26.7923,
19.3342

■ 62.8235, -36.6388,
29.4201

■ 24.2335, -23.0017,
15.6454

■ 74.2177, -39.6018,
32.4512

■ 16.6367, -18.7745,
11.6457

■ 86.2279, -42.4591,
35.3669

■ 10.0585, -17.6024,
7.0410

■ 98.8241, -45.2302,
38.1877

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 111.9801,
-47.9303, 40.9295

0.0000, NaN, NaN

■ 125.6731,

0.0000, NaN, NaN

-50.5711, 43.6051

0.0000, NaN, NaN

139.8827,
-53.1620, 46.2247

■ 42.0304, -30.2784,
22.8998

■ 42.0304, -30.2784,
22.8998

■ 41.6305, -32.1153,
23.8825

■ 42.5459, -27.9274,
21.4744

■ 41.3368, -33.4544,
24.4573

■ 43.1789, -25.0586,
19.5883

■ 41.1682, -34.2254,
24.7685

■ 43.9326, -21.6851,
17.2397

■ 44.8078, -17.8307,
14.4384

■ 45.8037, -13.5280,
11.2045

■ 46.9183, -8.8156,
7.5649

■ 48.1486, -3.7353,
3.5517

■ 49.4906, 1.6698,
-0.8006

■ 50.9399, 7.3575,
-5.4565

Harmonies

Analogous

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



42.0313, -13.7886, 26.4074



42.0304, -30.2784, 22.8998



42.0313, -38.1907, 11.9131

Triad

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



42.0313, -30.2791, 22.9000



42.0313, -13.2509, -66.0857



42.0313, 52.0585, 12.3380

Complementary

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



42.0304, -30.2784, 22.8998



26.0754, 38.1061, -33.7237

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.



42.0313, 52.2943, -10.3427



42.0304, -30.2784, 22.8998



42.0313, 10.6970, -65.7305

Square

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



42.0313, -30.2791, 22.9000



42.0313, -29.9619, -42.4171



42.0313, 35.8523, -41.6164



42.0313, 35.2661, 23.0610

Rectangle

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



42.0304, -30.2784, 22.8998



42.0313, -38.9909, -2.0406



42.0313, 35.8523, -41.6164



42.0313, 54.1832, 6.2000

Sweetspot

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



42.0313, -30.2791, 22.9000



61.2482, -18.2970, 15.1415



42.2417, -4.7532, 23.4888



28.9236, -9.3184, 7.6681



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.



42.0313, -30.2791, 22.9000



55.4269, -44.2642, 32.5373



41.9511, -29.9062, 17.3684



22.8895, -3.5346, 3.0874



40.1814, -33.3883, 24.1750



2.4104, -1.7745, 1.4542

Inverse Universe

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



26.0754, 38.1061, -33.7237



31.5402, 58.7820, -54.2373



26.9254, 36.9687, -9.8742



21.7362, 1.2465, -0.7705



21.9660, 44.9607, -42.7290



1.3893, 2.7814, -2.2202

Previews

White Background



This preview shows how the HunterLab color 42.0304, -30.2784, 22.8998 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 42.0304, -30.2784, 22.8998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

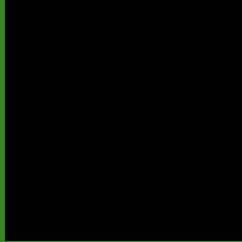
Any Text WCAG AA ✓ Pass

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 42.0304, -30.2784, 22.8998 Background



This preview shows how black text looks on a background with the HunterLab color 42.0304, -30.2784, 22.8998.



This preview shows how white text looks on a background with the HunterLab color 42.0304,

-30.2784, 22.8998.

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

42.0304, -30.2784, 22.8998

Protanopia

41.6490, -5.4878, 23.5196

Deuteranopia

41.5673, 2.7099, 21.9742



Tritanopia

41.9433, -12.3956, -6.2539

Trichromacy



Original Color

42.0304, -30.2784, 22.8998

Protanomaly

41.0601, -16.5241, 22.8265

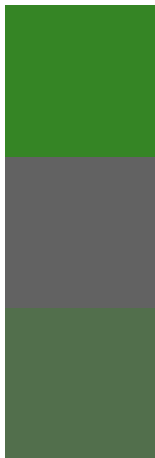
Deuteranomaly

40.6335, -11.9357, 21.4943

Tritanomaly

41.5185, -20.6864, 8.3642

Monochromacy



Original Color

42.0304, -30.2784, 22.8998

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

36.9926, -14.2229, 11.5869

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.0304, -30.2784, 22.8998 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(53, 133, 37)` looks like.

```
.text, #text, p{  
    color:rgb(53, 133, 37)  
}
```

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(53, 133, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 133, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 42.0304, -30.2784, 22.8998 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(53, 133, 37) }
```


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

```
.border{ border-color:rgb(53, 133, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 133, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 133, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 133, 37);  
box-shadow:4px 4px 4px 4px rgb(53, 133,  
37) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.0304, -30.2784, 22.8998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 133, 37) }
```

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

```
.background{ background-color: rgb(53, 133,  
37) }
```

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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