

Converting Colors

HunterLab(30.3692, 40.9362,
-27.2876)

Have a look what the booklet for
HunterLab(30.3692, 40.9362,
-27.2876) contains.

| | |
|--|----|
| HunterLab(30.4488, 41.0109, -27.3397) | 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(30.4488, 41.0109,
-27.3397)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 8A2F8A |
| RGB | 138, 47, 138 |
| RGB Percent | 54%, 18%, 54% |
| CMY | 0.4588, 0.8157, 0.4588 |
| CMYK | 0.00, 0.66, 0.00, 0.46 |
| HSL | 300°, 49%, 36% |
| HSV | 300°, 66%, 54% |
| XYZ | 16.0852, 9.2713, 24.9865 |
| YIQ | 84.5830, 25.0250, 47.5930 |

Conversions

Conversions Part 2

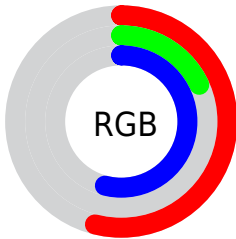
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 138, 47, 138 |
| Decimal | 9056138 |
| CIE _{Lab} | 36.50, 50.27, -31.93 |
| CIE _{LCh} | 37, 59.547, 327.579 |
| Yxy | 9.2717, 0.3195, 0.1842 |
| Android (android.graphics.Color) | 4287246218 (0xFF8A2F8A) |
| YUV | 84.5830, 26.3346, 46.8467 |
| Hunter-Lab | 30.4488, 41.0109, -27.3397 |

Details

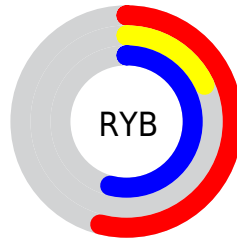
The HunterLab color **30.4488, 41.0109, -27.3397** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **43.5740, -32.1179, 22.6278**, and the grayscale version is **29.8892, -1.5948, 1.6239**.

A 20% lighter version of the original color is **49.3857, 44.8494, -28.6541**, and **16.1846, 31.9682, -22.4993** is the 20% darker color. If you saturate the color by 10%, you get **28.8746, 46.0209, -30.7748**, and if you desaturate by 10%, it is **32.4884, 35.0488, -23.2482**.

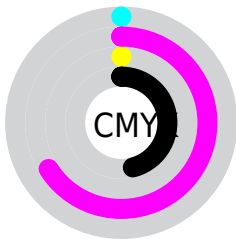
Distribution



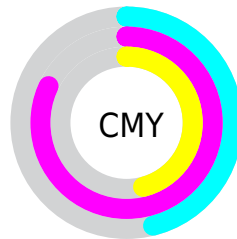
- Red (54%)
- Green (18%)
- Blue (54%)



- Red (54%)
- Yellow (18%)
- Blue (54%)



- Cyan (0%)
- Magenta (66%)
- Yellow (0%)
- Black (46%)



- Cyan (46%)
- Magenta (82%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.4488, 41.0109, -27.3397 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 30.4488, 41.0109, -27.3397 by changing the saturation by 10% instead.

30.4488, 41.0109,
-27.3397

30.4488, 41.0109,
-27.3397

136.1588, 54.2079,
-31.4987

22.1784, 39.0631,
-26.8424

49.4129, 44.6687,
-28.5246

14.8314, 37.1727,
-26.6502

59.9807, 46.3354,
-29.0963

8.4843, 36.2365,
-27.7047

71.2101, 47.8916,
-29.6256

0.0000, INF, -NF

0.0000, NaN, -NF

83.0641, 49.3421,
-30.1052

0.0000, NaN, NaN

95.5113, 50.6931,
-30.5323

0.0000, NaN, NaN

0.0000, NaN, NaN

108.5248, 51.9505,

-30.9064

0.0000, NaN, NaN

122.0810, 53.1203,
-31.2281

■ 30.4488, 41.0109,
-27.3397

■ 30.4488, 41.0109,
-27.3397

■ 28.8746, 46.0209,
-30.7748

■ 32.4884, 35.0488,
-23.2482

■ 27.7811, 49.7447,
-33.3268

■ 34.9528, 28.5002,
-18.7504

■ 27.1293, 52.0709,
-34.9204

■ 37.7947, 21.6667,
-14.0521

■ 26.9042, 52.8944,
-35.4845

■ 40.9651, 14.7631,
-9.3002

■ 44.4187, 7.9225,
-4.5860

■ 48.1163, 1.2161,
0.0414

■ 52.0244, -5.3260,
4.5608

■ 56.1156, -11.6983,
8.9680

■ 60.3670, -17.9088,
13.2681

Harmonies

Analogous

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



30.4495, 19.6470, -56.6736



30.4488, 41.0109, -27.3397



30.4495, 50.7673, -0.0272

Triad

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



30.4495, 41.0096, -27.3385



30.4495, 0.1155, 20.8462



30.4495, -29.9977, -22.3276

Complementary

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



30.4488, 41.0109, -27.3397



43.5740, -32.1179, 22.6278

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.



30.4495, -32.5974, 3.2510



30.4488, 41.0109, -27.3397



30.4495, -18.2997, 19.9324

Square

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



30.4495, 41.0096, -27.3385



30.4495, 23.4668, 19.5899



30.4495, -28.9701, 15.9829



30.4495, -20.5507, -52.6384

Rectangle

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



30.4488, 41.0109, -27.3397



30.4495, 47.8164, 11.2001



30.4495, -28.9701, 15.9829



30.4495, -31.5658, -12.5407

Sweetspot

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



30.4495, 41.0096, -27.3385



56.8715, 14.5767, -8.8863



21.1490, 20.1851, -54.0237



26.4110, 7.9464, -4.9272



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.



30.4495, 41.0096, -27.3385



37.5662, 63.6831, -42.6288



28.6675, 33.5910, -2.9271



22.6473, 1.6193, -0.6925



25.7613, 50.6475, -33.9771



2.0997, 4.1280, -2.7693

Inverse Universe

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



30.4495, 41.0096, -27.3385



37.5662, 63.6831, -42.6288



44.2303, -28.1073, 13.0348



22.6473, 1.6193, -0.6925



25.7613, 50.6475, -33.9771



2.0997, 4.1280, -2.7693

Previews

White Background



This preview shows how the HunterLab color 30.4488, 41.0109, -27.3397 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 30.4488, 41.0109, -27.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

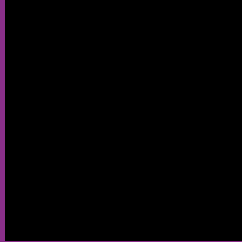
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 30.4488, 41.0109, -27.3397 Background



This preview shows how black text looks on a background with the HunterLab color 30.4488, 41.0109, -27.3397.



This preview shows how white text looks on a background with the HunterLab color 30.4488, 41.0109, -27.3397.

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

30.4488, 41.0109, -27.3397

Protanopia

30.9522, 9.9817, -55.5153

Deuteranopia

30.7333, 2.3957, -23.1340



Tritanopia

30.3776, 19.6007, 7.0957

Trichromacy



Original Color

30.4488, 41.0109, -27.3397

Protanomaly

28.8266, 17.9935, -50.3259

Deuteranomaly

29.3790, 15.6271, -27.1401

Tritanomaly

30.1045, 26.7708, -2.7760

Monochromacy



Original Color

30.4488, 41.0109, -27.3397

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

29.0672, 13.3720, -8.5689

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.4488, 41.0109, -27.3397 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(138, 47, 138)` looks like.

```
.text, #text, p{  
    color:rgb(138, 47, 138)  
}
```

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(138, 47, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 47, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 30.4488, 41.0109, -27.3397 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(138, 47, 138) }
```


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

```
.border{ border-color:rgb(138, 47, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 47, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 47, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 47, 138);  
box-shadow:4px 4px 4px 4px rgb(138, 47,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.4488, 41.0109, -27.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 47, 138) }
```

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

```
.background{ background-color: rgb(138, 47,  
138) }
```

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