

# Converting Colors

HunterLab(27.5464, 48.3921,  
-28.4216)

Have a look what the booklet for  
HunterLab(27.5464, 48.3921,  
-28.4216) contains.

<b>HunterLab(27.4632, 48.3163, -28.5887)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(27.4632, 48.3163,  
-28.5887)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A1483
RGB	138, 20, 131
RGB Percent	54%, 8%, 51%
CMY	0.4588, 0.9215, 0.4863
CMYK	0.00, 0.86, 0.05, 0.46
HSL	304°, 75%, 31%
HSV	304°, 86%, 54%
XYZ	14.8281, 7.5423, 22.1470
YIQ	67.9360, 34.6970, 59.5370

# Conversions

## Conversions Part 2

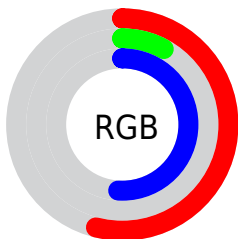
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 20, 131
Decimal	9049219
CIE <sub>Lab</sub>	33.01, 57.91, -33.12
CIE <sub>LCh</sub>	33, 66.711, 330.236
Yxy	7.5426, 0.3331, 0.1694
Android (android.graphics.Color)	4287239299 (0xFF8A1483)
YUV	67.9360, 31.0906, 61.4461
Hunter-Lab	27.4632, 48.3163, -28.5887

# Details

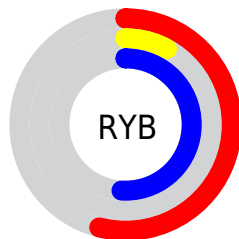
The HunterLab color **27.4632, 48.3163, -28.5887** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **42.9012, -35.2375, 24.3849**, and the grayscale version is **23.9074, -1.2756, 1.2989**.

A 20% lighter version of the original color is **45.9777, 52.6247, -29.9359**, and **15.7445, 30.7361, -19.0750** is the 20% darker color. If you saturate the color by 10%, you get **26.7482, 50.5559, -29.5870**, and if you desaturate by 10%, it is **28.6312, 44.6617, -26.6469**.

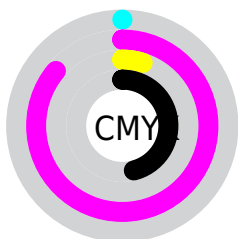
# Distribution



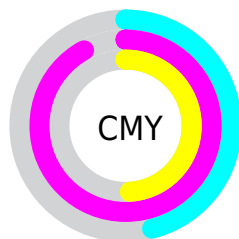
- Red (54%)
- Green (8%)
- Blue (51%)



- Red (54%)
- Yellow (8%)
- Blue (51%)



- Cyan (0%)
- Magenta (86%)
- Yellow (5%)
- Black (46%)



- Cyan (46%)
- Magenta (92%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.4632, 48.3163, -28.5887 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 27.4632, 48.3163, -28.5887 by changing the saturation by 10% instead.



27.4632, 48.3163,  
-28.5887

27.4632, 48.3163,  
-28.5887

131.1866, 63.9637,  
-33.0401

19.5031, 46.2694,  
-28.1960

45.8877, 52.4443,  
-29.7614

12.5075, 44.5727,  
-28.3191

56.2146, 54.3910,  
-30.3631

5.7741, 54.1984,  
-35.9478

67.2176, 56.2351,  
-30.9316

0.0000, INF, -NF

0.0000, NaN, -NF

78.8574, 57.9750,  
-31.4554

0.0000, NaN, NaN

91.1008, 59.6131,  
-31.9292

0.0000, NaN, NaN

0.0000, NaN, NaN

103.9195, 61.1540,

-32.3512

0.0000, NaN, NaN

117.2887, 62.6025,  
-32.7213

27.4632, 48.3163,  
-28.5887

27.4632, 48.3163,  
-28.5887

26.7482, 50.5559,  
-29.5870

28.6312, 44.6617,  
-26.6469

26.4765, 51.4099,  
-29.9312

30.2800, 39.7439,  
-23.8392

32.3893, 33.9055,  
-20.3719

34.9181, 27.5036,  
-16.4698

37.8172, 20.8308,  
-12.3237

■ 41.0376, 14.0914,  
-8.0716

■ 44.5346, 7.4102,  
-3.8023

■ 48.2696, 0.8533,  
0.4332

■ 52.2100, -5.5518,  
4.6096

# Harmonies

## Analogous

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



27.4639, 24.4827, -65.1526



27.4632, 48.3163, -28.5887



27.4639, 58.0802, 1.6671

# Triad

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



27.4639, 48.3147, -28.5874



27.4639, -1.6482, 19.2247



27.4639, -30.1450, -29.1693

# Complementary

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



27.4632, 48.3163, -28.5887



42.9012, -35.2375, 24.3849

# 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.



27.4639, -33.1363, 1.3217



27.4632, 48.3163, -28.5887



27.4639, -20.3474, 19.2247

# Square

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



27.4639, 48.3147, -28.5874



27.4639, 24.0611, 19.2247



27.4639, -30.2409, 15.2381



27.4639, -20.1244, -65.6422



# Rectangle

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



27.4632, 48.3163, -28.5887



27.4639, 53.4335, 12.4138



27.4639, -30.2409, 15.2381



27.4639, -31.8243, -17.3556

# Sweetspot

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



27.4639, 48.3147, -28.5874



54.0146, 19.6504, -11.3141



15.9812, 30.7998, -78.8198



24.9687, 10.5591, -6.1515



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.



27.4639, 48.3147, -28.5874



35.1398, 68.2135, -39.5844



25.2713, 40.0958, 1.4427



22.6361, 1.5596, -0.5345



25.3533, 49.2314, -28.6793



2.0838, 4.0731, -2.5643



# Inverse Universe

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



27.4639, 48.3147, -28.5874



35.1398, 68.2135, -39.5844



43.5664, -31.1184, 14.6317



22.6361, 1.5596, -0.5345



25.3533, 49.2314, -28.6793



2.0838, 4.0731, -2.5643



# Previews

## White Background



This preview shows how the HunterLab color 27.4632, 48.3163, -28.5887 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

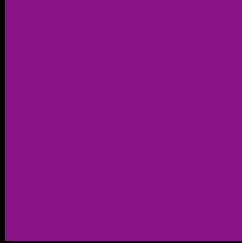
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the HunterLab color 27.4632, 48.3163, -28.5887 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

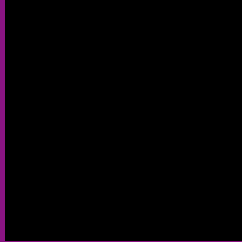
Any Text WCAG AA × Fail

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 27.4632, 48.3163, -28.5887 Background



This preview shows how black text looks on a background with the HunterLab color 27.4632, 48.3163, -28.5887.



This preview shows how white text looks on a background with the HunterLab color 27.4632, 48.3163, -28.5887.

-28.5887.

# 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

27.4632, 48.3163, -28.5887

### Protanopia

28.1361, 8.9725, -54.5368

### Deuteranopia

28.0406, 1.8678, -22.3109



## Tritanopia

27.7120, 24.0556, 9.2154

# Trichromacy



## Original Color

27.4632, 48.3163, -28.5887

## Protanomaly

23.9600, 20.0196, -57.3354

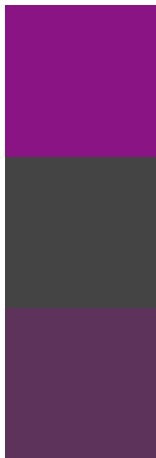
## Deuteranomaly

25.5165, 19.1219, -29.8068

## Tritanomaly

26.9862, 32.8164, -1.2244

# Monochromacy



## Original Color

27.4632, 48.3163, -28.5887

## Achromatopsia

24.0428, -1.2829, 1.3063

## Achromatomaly

23.3455, 17.1506, -10.4508

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 27.4632, 48.3163, -28.5887 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, 20, 131)` looks like.

```
.text, #text, p{  
    color:rgb(138, 20, 131)  
}
```

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, 20, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 20, 131) }
```

## Border

The CSS property to change the border of an element to HunterLab 27.4632, 48.3163, -28.5887 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, 20, 131) }
```



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

```
.border{ border-color:rgb(138, 20, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 20, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 20, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 20, 131);  
box-shadow:4px 4px 4px 4px rgb(138, 20,  
131) }
```

# Background

The CSS property to change the background color of an element to HunterLab 27.4632, 48.3163, -28.5887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 20, 131) }
```

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

```
.background{ background-color: rgb(138, 20,  
131) }
```

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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