

# Converting Colors

HunterLab(27.0516, 48.0372,  
-32.7183)

Have a look what the booklet for  
HunterLab(27.0516, 48.0372,  
-32.7183) contains.

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# Color

**HunterLab(27.0516, 48.0398,  
-32.7281)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	861487
RGB	134, 20, 135
RGB Percent	53%, 8%, 53%
CMY	0.4745, 0.9215, 0.4706
CMYK	0.01, 0.85, 0.00, 0.47
HSL	299°, 74%, 30%
HSV	299°, 85%, 53%
XYZ	14.4548, 7.3179, 23.5723
YIQ	67.1960, 31.0290, 59.9330

# Conversions

## Conversions Part 2

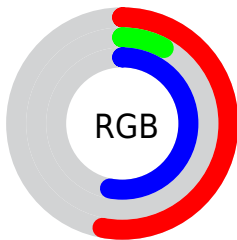
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 20, 135
Decimal	8787079
CIE <sub>Lab</sub>	32.52, 57.75, -36.43
CIE <sub>LCh</sub>	33, 68.282, 327.751
Yxy	7.3182, 0.3188, 0.1614
Android (android.graphics.Color)	4286977159 (0xFF861487)
YUV	67.1960, 33.4274, 58.5871
Hunter-Lab	27.0516, 48.0398, -32.7281

# Details

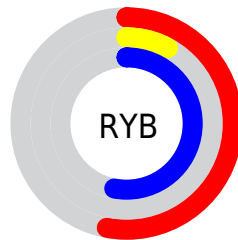
The HunterLab color **27.0516, 48.0398, -32.7281** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **41.8784, -34.5012, 24.2638**, and the grayscale version is **23.6403, -1.2614, 1.2844**.

A 20% lighter version of the original color is **45.2837, 52.2641, -34.2166**, and **15.3152, 30.4071, -22.5011** is the 20% darker color. If you saturate the color by 10%, you get **26.3615, 50.4033, -34.4273**, and if you desaturate by 10%, it is **28.1840, 44.2953, -30.0775**.

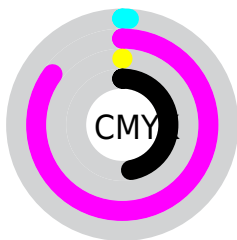
# Distribution



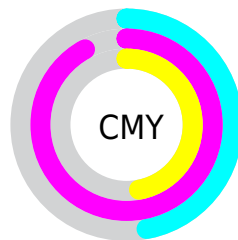
- Red (53%)
- Green (8%)
- Blue (53%)



- Red (53%)
- Yellow (8%)
- Blue (53%)



- Cyan (1%)
- Magenta (85%)
- Yellow (0%)
- Black (47%)



- Cyan (47%)
- Magenta (92%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.0516, 48.0398, -32.7281 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 27.0516, 48.0398, -32.7281 by changing the saturation by 10% instead.



27.0516, 48.0398,  
-32.7281

27.0516, 48.0398,  
-32.7281

130.4923, 63.6824,  
-37.6327

19.1361, 46.0014,  
-32.4832

45.3989, 52.1653,  
-33.8679

12.1914, 44.3342,  
-32.9949

55.6915, 54.1121,  
-34.5094

5.2825, 57.6638,  
-45.1169

66.6622, 55.9563,  
-35.1355

0.0000, INF, -NF

0.0000, NaN, -NF

78.2715, 57.6961,  
-35.7276

0.0000, NaN, NaN

90.4860, 59.3340,  
-36.2766

0.0000, NaN, NaN

0.0000, NaN, NaN

103.2771, 60.8744,

-36.7781

0.0000, NaN, NaN

116.6198, 62.3222,  
-37.2302

27.0516, 48.0398,  
-32.7281

27.0516, 48.0398,  
-32.7281

26.3615, 50.4033,  
-34.4273

28.1840, 44.2953,  
-30.0775

26.0833, 51.3748,  
-35.1315

29.7835, 39.3304,  
-26.5893

31.8304, 33.4817,  
-22.4961

34.2853, 27.0974,  
-18.0380

37.1009, 20.4625,  
-13.4110

■ 40.2299, 13.7755,  
-8.7510

■ 43.6288, 7.1574,  
-4.1406

■ 47.2602, 0.6717,  
0.3770

■ 51.0926, -5.6557,  
4.7846

# Harmonies

## Analogous

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



27.0522, 22.8304, -70.2906



27.0516, 48.0398, -32.7281



27.0522, 59.7221, -0.2598

# Triad

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



27.0522, 48.0385, -32.7268



27.0522, 0.3418, 18.9366



27.0522, -30.8404, -26.9659

# Complementary

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



27.0516, 48.0398, -32.7281



41.8784, -34.5012, 24.2638

# 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.



27.0522, -33.3034, 3.0974



27.0516, 48.0398, -32.7281



27.0522, -19.3559, 18.9366

# Square

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



27.0522, 48.0385, -32.7268



27.0522, 26.9639, 18.9366



27.0522, -29.9323, 15.7956



27.0522, -21.4959, -65.4048



# Rectangle

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



27.0516, 48.0398, -32.7281



27.0522, 56.0610, 11.5350



27.0522, -29.9323, 15.7956



27.0522, -32.3257, -15.0789

# Sweetspot

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



27.0522, 48.0385, -32.7268



53.2259, 19.6864, -12.5829



15.7129, 28.7036, -76.3064



24.9996, 10.7614, -6.9525



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.



27.0522, 48.0385, -32.7268



34.8994, 68.7422, -47.0280



24.9442, 39.8480, -1.7054



21.8193, 1.5258, -0.6604



25.0478, 49.3347, -33.7342



1.4799, 2.9119, -1.9709



# Inverse Universe

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



23.8865, 35.7474, 13.5828



30.3770, 52.0326, 19.5434



42.4180, -31.1285, 16.1406



21.6548, 0.6324, 1.7531



21.7997, 37.3440, 13.9984



1.2847, 2.2038, 0.8008



# Previews

## White Background



This preview shows how the HunterLab color 27.0516, 48.0398, -32.7281 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 27.0516, 48.0398, -32.7281 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

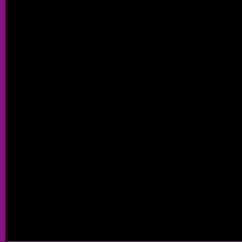
Any Text WCAG AA × Fail

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 27.0516, 48.0398, -32.7281 Background



This preview shows how black text looks on a background with the HunterLab color 27.0516, 48.0398, -32.7281.



This preview shows how white text looks on a background with the HunterLab color 27.0516, 48.0398, -32.7281.



# 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

27.0516, 48.0398, -32.7281

### Protanopia

27.7614, 8.8331, -53.7674

### Deuteranopia

27.8436, 1.5709, -25.5709



## Tritanopia

27.3565, 22.3334, 8.2803

# Trichromacy



## Original Color

27.0516, 48.0398, -32.7281

## Protanomaly

23.9075, 19.8835, -57.5294

## Deuteranomaly

25.1000, 18.4205, -34.0976

## Tritanomaly

26.4786, 31.8716, -3.3162

# Monochromacy



## Original Color

27.0516, 48.0398, -32.7281

## Achromatopsia

23.6915, -1.2641, 1.2872

## Achromatomaly

22.9740, 17.1879, -11.6732

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 27.0516, 48.0398, -32.7281 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(134, 20, 135)` looks like.

```
.text, #text, p{  
    color:rgb(134, 20, 135)  
}
```

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(134, 20, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 20, 135) }
```

## Border

The CSS property to change the border of an element to HunterLab 27.0516, 48.0398, -32.7281 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(134, 20, 135) }
```



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

```
.border{ border-color:rgb(134, 20, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 20, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 20, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 20, 135);  
box-shadow:4px 4px 4px 4px rgb(134, 20,  
135) }
```

# Background

The CSS property to change the background color of an element to HunterLab 27.0516, 48.0398, -32.7281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 20, 135) }
```

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

```
.background{ background-color: rgb(134, 20,  
135) }
```

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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