

# Converting Colors

HunterLab(37.3494, 27.0263,  
-36.8830)

Have a look what the booklet for  
HunterLab(37.3494, 27.0263,  
-36.8830) contains.

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# Color

**HunterLab(37.4012, 27.1660,  
-36.7652)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8055AA
RGB	128, 85, 170
RGB Percent	50%, 33%, 67%
CMY	0.4980, 0.6667, 0.3333
CMYK	0.25, 0.50, 0.00, 0.33
HSL	270°, 33%, 50%
HSV	270°, 50%, 67%
XYZ	19.4063, 13.9885, 39.7075
YIQ	107.5470, -1.6570, 35.5510

# Conversions

## Conversions Part 2

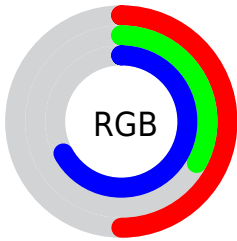
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 85, 170
Decimal	8410538
CIE <sub>Lab</sub>	44.22, 34.87, -39.07
CIE <sub>LCh</sub>	44, 52.365, 311.750
Yxy	13.9890, 0.2655, 0.1914
Android (android.graphics.Color)	4286600618 (0xFF8055AA)
YUV	107.5470, 30.7893, 17.9373
Hunter-Lab	37.4012, 27.1660, -36.7652

# Details

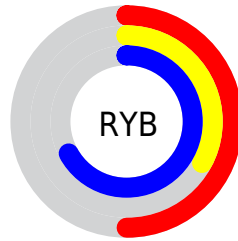
The HunterLab color  $[37.4012, 27.1660, -36.7652]$  is a dark color, and the websafe version is hex  $9966CC$ . A complement of this color would be  $[58.2389, -26.0077, 26.6813]$ , and the grayscale version is  $[38.4400, -2.0511, 2.0885]$ .

A 20% lighter version of the original color is  $[57.5904, 29.5808, -38.0701]$ , and  $[20.3568, 24.4662, -36.0449]$  is the 20% darker color. If you saturate the color by 10%, you get  $[33.1685, 33.5161, -46.9559]$ , and if you desaturate by 10%, it is  $[42.0399, 20.8018, -27.3666]$ .

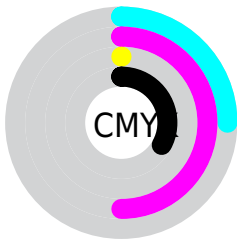
# Distribution



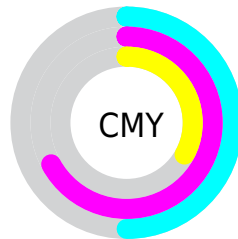
- Red (50%)
- Green (33%)
- Blue (67%)



- Red (50%)
- Yellow (33%)
- Blue (67%)



- Cyan (25%)
- Magenta (50%)
- Yellow (0%)
- Black (33%)



- Cyan (50%)
- Magenta (67%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4012, 27.1660, -36.7652 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 37.4012, 27.1660, -36.7652 by changing the saturation by 10% instead.



37.4012, 27.1660,  
-36.7652

37.4012, 27.1660,  
-36.7652

147.3644, 34.7352,  
-41.8492

28.4834, 25.7968,  
-36.2612

57.5062, 29.5219,  
-38.0523

20.4141, 24.2951,  
-36.0713

68.5878, 30.5299,  
-38.7102

13.2952, 22.6885,  
-36.6824

80.3020, 31.4375,  
-39.3416

6.8328, 24.1232,  
-42.9280

92.6162, 32.2535,  
-39.9351

0.0000, INF, -NF

0.0000, NaN, -NF

105.5026, 32.9852,  
-40.4846

0.0000, NaN, NaN

118.9366, 33.6391,

0.0000, NaN, NaN

-40.9873

0.0000, NaN, NaN

132.8970, 34.2208,  
-41.4422

■ 37.4012, 27.1660,  
-36.7652

■ 37.4012, 27.1660,  
-36.7652

■ 33.1685, 33.5161,  
-46.9559

■ 42.0399, 20.8018,  
-27.3666

■ 29.4326, 39.5890,  
-57.7805

■ 47.0089, 14.5433,  
-18.7448

■ 26.3028, 44.8985,  
-68.7321

■ 52.2526, 8.4286,  
-10.8071

■ 23.8837, 48.7383,  
-78.8386

■ 57.7281, 2.4582,  
-3.4446

■ 22.0928, 50.9705,  
-87.5560

■ 63.4027, -3.3837,  
3.4456

■ 22.0926, 50.9708,  
-87.5571

■ 69.2508, -9.1177,  
9.9520

■ 75.2523, -14.7647,  
16.1481

■ 81.3914, -20.3433,  
22.0934

■ 87.6551, -25.8699,  
27.8359

# Harmonies

## Analogous

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



37.4019, 6.1490, -54.3031



37.4012, 27.1660, -36.7652



37.4019, 41.9111, -11.3078

# Triad

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



37.4019, 27.1655, -36.7640



37.4019, 10.8057, 22.7666



37.4019, -32.6609, -6.1943

# Complementary

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



37.4012, 27.1660, -36.7652



58.2389, -26.0077, 26.6813

# 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.



37.4019, -31.9297, 11.7653



37.4012, 27.1660, -36.7652



37.4019, -9.5017, 23.0495

# Square

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



37.4019, 27.1655, -36.7640



37.4019, 31.1846, 19.1078



37.4019, -24.2897, 20.3228



37.4019, -26.5545, -31.3768



# Rectangle

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



37.4012, 27.1660, -36.7652



37.4019, 44.6518, 3.1344



37.4019, -24.2897, 20.3228



37.4019, -33.1650, 0.9030

# Sweetspot

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



37.4019, 27.1655, -36.7640



73.8340, 7.5288, -9.7818



44.8802, -4.3383, -22.6620



34.1570, 4.3354, -5.5868



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912



# Same Dimension

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



37.4019, 27.1655, -36.7640



44.0945, 46.0639, -64.8035



42.3625, 39.9799, -26.4236



27.3496, 0.9567, -1.3803



19.0358, 43.8145, -74.6374



3.4430, 7.4048, -9.4700



# Inverse Universe

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



40.7134, 32.4719, -3.5846



49.9576, 53.7247, -4.8240



55.9795, -34.9523, 24.7793



27.5714, 1.4702, 0.7392



26.0167, 46.4072, 2.4477

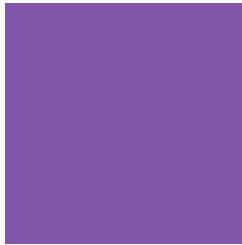


4.1838, 7.6929, -1.3892



# Previews

## White Background



This preview shows how the HunterLab color 37.4012, 27.1660, -36.7652 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 37.4012, 27.1660, -36.7652 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

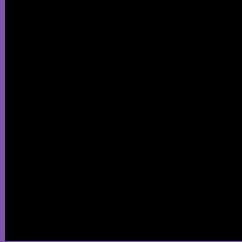
Any Text WCAG AA × Fail

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 37.4012, 27.1660, -36.7652 Background



This preview shows how black text looks on a background with the HunterLab color 37.4012, 27.1660, -36.7652.



This preview shows how white text looks on a background with the HunterLab color 37.4012, 27.1660, -36.7652.

-36.7652.

# 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

37.4012, 27.1660, -36.7652

### Protanopia

37.6454, 9.0111, -49.8092

### Deuteranopia

37.6775, 2.9159, -33.5028



## Tritanopia

37.3884, 4.2739, 0.6153

# Trichromacy



## Original Color

37.4012, 27.1660, -36.7652

## Protanomaly

37.0618, 14.3486, -45.9893

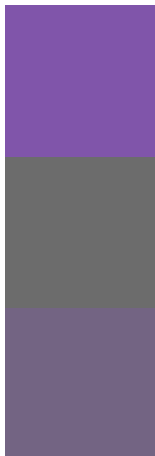
## Deuteranomaly

37.1493, 10.6971, -35.2698

## Tritanomaly

37.2667, 11.7750, -10.9927

# Monochromacy



## Original Color

37.4012, 27.1660, -36.7652

## Achromatopsia

38.7246, -2.0663, 2.1040

## Achromatomaly

37.9445, 7.5671, -10.0384

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 37.4012, 27.1660, -36.7652 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(128, 85, 170)` looks like.

```
.text, #text, p{  
    color:rgb(128, 85, 170)  
}
```

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(128, 85, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 85, 170) }
```

## Border

The CSS property to change the border of an element to HunterLab 37.4012, 27.1660, -36.7652 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(128, 85, 170) }
```



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

```
.border{ border-color:rgb(128, 85, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 85, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 85, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 85, 170);  
box-shadow:4px 4px 4px 4px rgb(128, 85,  
170) }
```

# Background

The CSS property to change the background color of an element to HunterLab 37.4012, 27.1660, -36.7652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 85, 170) }
```

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

```
.background{ background-color: rgb(128, 85,  
170) }
```

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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