

# Converting Colors

HunterLab(29.9484, 40.7900,  
15.7490)

Have a look what the booklet for  
HunterLab(29.9484, 40.7900,  
15.7490) contains.

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# Color

**HunterLab(29.9540, 40.9172,  
15.7094)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A12425
RGB	161, 36, 37
RGB Percent	63%, 14%, 15%
CMY	0.3686, 0.8588, 0.8549
CMYK	0.00, 0.78, 0.77, 0.37
HSL	360°, 63%, 39%
HSV	360°, 78%, 63%
XYZ	15.6628, 8.9724, 2.6566
YIQ	73.4890, 74.1790, 26.8110

# Conversions

## Conversions Part 2

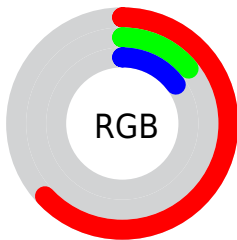
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 36, 37
Decimal	10560549
CIE Lab	35.93, 50.28, 31.53
CIE LCh	36, 59.348, 32.091
Yxy	8.9730, 0.5739, 0.3288
Android (android.graphics.Color)	4288750629 (0xFFA12425)
YUV	73.4890, -17.9891, 76.7471
Hunter-Lab	29.9540, 40.9172, 15.7094

# Details

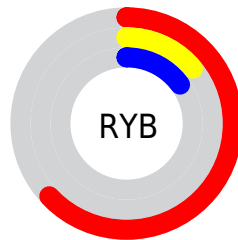
The HunterLab color **29.9540, 40.9172, 15.7094** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **53.2947, -26.8870, -4.6344**, and the grayscale version is **26.0314, -1.3890, 1.4143**.

A 20% lighter version of the original color is **48.7782, 44.4539, 21.1322**, and **16.6334, 28.4852, 10.7481** is the 20% darker color. If you saturate the color by 10%, you get **28.5104, 44.5337, 16.8693**, and if you desaturate by 10%, it is **32.0930, 36.0141, 14.1896**.

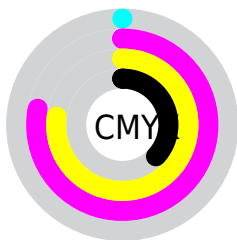
# Distribution



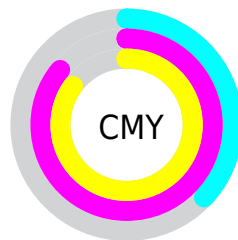
- Red (63%)
- Green (14%)
- Blue (15%)



- Red (63%)
- Yellow (14%)
- Blue (15%)



- Cyan (0%)
- Magenta (78%)
- Yellow (77%)
- Black (37%)



- Cyan (37%)
- Magenta (86%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9540, 40.9172, 15.7094 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 29.9540, 40.9172, 15.7094 by changing the saturation by 10% instead.



■ 29.9540, 40.9172,  
15.7094

■ 29.9540, 40.9172,  
15.7094

■ 135.3426, 54.1664,  
36.9750

■ 21.7337, 38.9659,  
12.6997

■ 48.8313, 44.5853,  
21.1064

■ 14.4430, 37.0864,  
10.1101

■ 59.3601, 46.2589,  
23.5896

■ 8.1039, 36.6823,  
5.6727

■ 70.5528, 47.8217,  
25.9726

0.0000, INF, NaN

0.0000, NaN, NaN

■ 82.3721, 49.2786,  
28.2767

0.0000, NaN, NaN

■ 94.7863, 50.6356,  
30.5180


0.0000, NaN, NaN


■ 107.7682, 51.8986,


0.0000, NaN, NaN


32.7088


0.0000, NaN, NaN


 121.2940, 53.0737,  
34.8586


 29.9540, 40.9172,  
15.7094


 29.9540, 40.9172,  
15.7094


 28.5104, 44.5337,  
16.8693


 32.0930, 36.0141,  
14.1896


 27.6962, 46.7032,  
17.5731

 34.8794, 30.3119,  
12.4677

 27.5315, 47.1587,  
17.7115

 38.2367, 24.2515,  
10.6860

 42.0804, 18.1451,  
8.9401

 46.3323, 12.1708,  
7.2807

■ 50.9258, 6.4091,  
5.7271

■ 55.8068, 0.8815,  
4.2805

■ 60.9322, -4.4210,  
2.9331

■ 66.2677, -9.5208,  
1.6735

# Harmonies

## Analogous

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



29.9549, 50.4434, 3.0001



29.9540, 40.9172, 15.7094



29.9549, 19.7653, 19.6529

# Triad

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



29.9549, 40.9140, 15.7099



29.9549, -29.6053, 14.6224



29.9549, -0.1105, -67.8694

# Complementary

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



29.9540, 40.9172, 15.7094



53.2947, -26.8870, -4.6344

# 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.



29.9549, -18.2693, -56.1390



29.9540, 40.9172, 15.7094



29.9549, -32.2377, 0.1931

# Square

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



29.9549, 40.9140, 15.7099



29.9549, -20.1922, 19.3532



29.9549, -28.7295, -26.8362



29.9549, 23.0421, -52.6641



# Rectangle

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



29.9540, 40.9172, 15.7094



29.9549, 4.1673, 20.5299



29.9549, -28.7295, -26.8362



29.9549, -6.9614, -66.9327

# Sweetspot

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



29.9549, 40.9140, 15.7099



64.5360, 13.0103, 8.8521



33.4633, 55.3013, -38.1532



29.2587, 7.3355, 4.4831



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328



# Same Dimension

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



29.9549, 40.9140, 15.7099



37.3354, 61.7579, 23.2975



40.1838, 15.1349, 22.5622



26.6211, 0.8588, 2.1840



24.6051, 42.1473, 15.8197



3.5703, 6.1229, 2.2397



# Inverse Universe

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



29.9549, 40.9140, 15.7099



37.3354, 61.7579, 23.2975



34.8941, -0.8317, -35.8047



26.6211, 0.8588, 2.1840



24.6051, 42.1473, 15.8197



3.5703, 6.1229, 2.2397



# Previews

## White Background



This preview shows how the HunterLab color 29.9540, 40.9172, 15.7094 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 29.9540, 40.9172, 15.7094 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 29.9540, 40.9172, 15.7094 Background



This preview shows how black text looks on a background with the HunterLab color 29.9540, 40.9172, 15.7094.



This preview shows how white text looks on a background with the HunterLab color 29.9540, 40.9172,



# 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

29.9540, 40.9172, 15.7094

### Protanopia

30.4683, -3.1487, 12.3973

### Deuteranopia

30.4043, 1.3346, 16.6160



## Tritanopia

29.9540, 40.9172, 15.7094

# Trichromacy



## Original Color

29.9540, 40.9172, 15.7094

## Protanomaly

28.6200, 12.6048, 12.2849

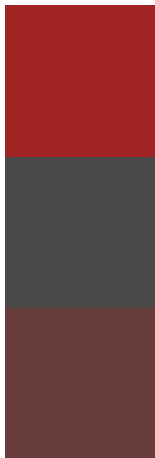
## Deuteranomaly

28.9682, 16.4093, 15.4841

## Tritanomaly

29.9540, 40.9172, 15.7094

# Monochromacy



## Original Color

29.9540, 40.9172, 15.7094

## Achromatopsia

25.8120, -1.3773, 1.4024

## Achromatomaly

25.6149, 12.7149, 6.1112

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 29.9540, 40.9172, 15.7094 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(161, 36, 37)` looks like.

```
.text, #text, p{  
    color:rgb(161, 36, 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(161, 36, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 36, 37) }
```

## Border

The CSS property to change the border of an element to HunterLab 29.9540, 40.9172, 15.7094 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(161, 36, 37) }
```



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

```
.border{ border-color:rgb(161, 36, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 36, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 36, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 36, 37);  
box-shadow:4px 4px 4px 4px rgb(161, 36,  
37) }
```

# Background

The CSS property to change the background color of an element to HunterLab 29.9540, 40.9172, 15.7094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 36, 37) }
```

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

```
.background{ background-color: rgb(161, 36,  
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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