

# Converting Colors

HunterLab(40.0243, 68.6464,  
24.5003)

Have a look what the booklet for  
HunterLab(40.0243, 68.6464,  
24.5003) contains.

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# Color

**HunterLab(40.1241, 68.7496,  
24.5689)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E10119
RGB	225, 1, 25
RGB Percent	88%, 0%, 10%
CMY	0.1177, 0.9959, 0.9020
CMYK	0.00, 1.00, 0.89, 0.12
HSL	354°, 99%, 44%
HSV	354°, 100%, 88%
XYZ	31.2376, 16.0994, 2.3808
YIQ	70.7120, 125.8000, 54.9520

# Conversions

## Conversions Part 2

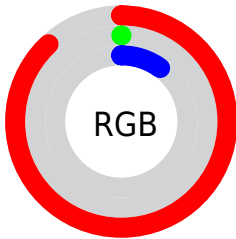
<b>Format</b>	<b>Color</b>
<b>RYB</b>	225, 1, 25
Decimal	14745881
CIELab	47.11, 73.04, 52.88
CIElCh	47, 90.173, 35.901
Yxy	16.1005, 0.6283, 0.3238
Android (android.graphics.Color)	4292935961 (0xFFE10119)
YUV	70.7120, -22.5360, 135.3106
Hunter-Lab	40.1241, 68.7496, 24.5689

# Details

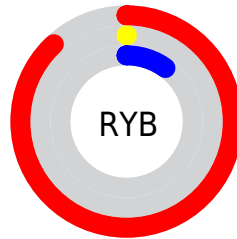
The HunterLab color **40.1241, 68.7496, 24.5689** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **76.2078, -45.5586, 3.1447**, and the grayscale version is **25.0562, -1.3369, 1.3614**.

A 20% lighter version of the original color is **53.8890, 58.2813, 27.4811**, and **27.1495, 46.4943, 17.5433** is the 20% darker color. If you saturate the color by 10%, you get **40.0919, 68.8237, 24.6266**, and if you desaturate by 10%, it is **41.0276, 66.7467, 22.8481**.

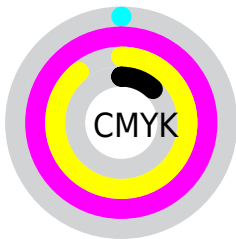
# Distribution



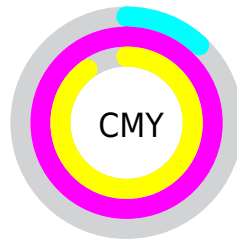
- Red (88%)
- Green (0%)
- Blue (10%)



- Red (88%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (89%)
- Black (12%)




- Cyan (12%)
- Magenta (100%)
- Yellow (90%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.1241, 68.7496, 24.5689 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 40.1241, 68.7496, 24.5689 by changing the saturation by 10% instead.





 40.1241, 68.7496,  
24.5689


 40.1241, 68.7496,  
24.5689


151.6357, 87.1279,  
56.0820


 30.9762, 66.4166,  
20.1980


 60.6404, 73.4022,  
32.6138

 22.6527, 64.2702,  
15.8569

 71.9084, 75.6338,  
36.3356

 15.2466, 62.7099,  
10.6726


 83.7991, 77.7775,  
39.8994

 8.8695, 63.2155,  
6.2087

 96.2812, 79.8287,  
43.3305

0.0000, INF, NaN

0.0000, INF, NaN

 109.3281, 81.7870,  
46.6491


0.0000, NaN, NaN


 122.9163, 83.6543,


0.0000, NaN, NaN


49.8719


0.0000, NaN, NaN


 137.0250, 85.4335,  
53.0124


 40.1241, 68.7496,  
24.5689

 40.1241, 68.7496,  
24.5689


 40.0919, 68.8237,  
24.6266

 41.0276, 66.7467,  
22.8481

 42.8362, 62.5060,  
20.5282

 45.6829, 56.0421,  
17.9001

 49.5241, 48.0109,  
15.2354

 54.2533, 39.1288,  
12.7399

■ 59.7432, 29.9512,  
10.5261

■ 65.8717, 20.8222,  
8.6305

■ 72.5337, 11.9172,  
7.0440

■ 79.6427, 3.3031,  
5.7360

# Harmonies

## Analogous

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



40.1254, 89.8496, 8.2569



40.1241, 68.7496, 24.5689



40.1254, 29.4126, 28.0878

# Triad

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



40.1254, 68.7444, 24.5696



40.1254, -47.1298, 20.5865



40.1254, 5.0568, -129.2040

# Complementary

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



40.1241, 68.7496, 24.5689



76.2078, -45.5586, 3.1447

# 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.



40.1254, -26.2148, -112.3000



40.1241, 68.7496, 24.5689



40.1254, -49.7218, -5.0168

# Square

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



40.1254, 68.7444, 24.5696



40.1254, -34.6259, 27.2434



40.1254, -43.5767, -56.9074



40.1254, 45.7741, -92.8468



# Rectangle

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



40.1241, 68.7496, 24.5689



40.1254, 2.8125, 28.0878



40.1254, -43.5767, -56.9074



40.1254, -6.8694, -129.7919

# Sweetspot

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



40.1254, 68.7444, 24.5696



75.4151, 24.7019, 10.0825



41.9329, 84.6349, -73.3983



33.4739, 13.4869, 5.0778

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



40.1254, 68.7444, 24.5696



46.1956, 79.2854, 28.5019



47.7596, 45.2021, 30.1830



37.0462, 1.5003, 2.6611



30.4478, 52.2951, 18.4937



8.0668, 13.9553, 4.1216



# Inverse Universe

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



40.1254, 68.7444, 24.5696



46.1956, 79.2854, 28.5019



48.9415, -2.2777, -56.1780



37.0462, 1.5003, 2.6611



30.4478, 52.2951, 18.4937



8.0668, 13.9553, 4.1216



# Previews

## White Background



This preview shows how the HunterLab color 40.1241, 68.7496, 24.5689 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 40.1241, 68.7496, 24.5689 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 40.1241, 68.7496, 24.5689 Background



This preview shows how black text looks on a background with the HunterLab color 40.1241, 68.7496, 24.5689.



This preview shows how white text looks on a background with the HunterLab color 40.1241, 68.7496,



# 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

40.1241, 68.7496, 24.5689

### Protanopia

40.9098, -5.0814, 21.5214

### Deuteranopia

40.6998, 1.9749, 25.1136



## Tritanopia

40.4767, 65.9122, 26.0955

# Trichromacy



## Original Color

40.1241, 68.7496, 24.5689

## Protanomaly

35.6252, 27.0264, 19.3734

## Deuteranomaly

36.2770, 32.0266, 22.4920

## Tritanomaly

40.2257, 66.9302, 25.5777

# Monochromacy



## Original Color

40.1241, 68.7496, 24.5689

## Achromatopsia

25.1018, -1.3394, 1.3638

## Achromatomaly

25.9468, 26.1068, 8.4704

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 40.1241, 68.7496, 24.5689 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(225, 1, 25)` looks like.

```
.text, #text, p{  
    color:rgb(225, 1, 25)  
}
```

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(225, 1, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 1, 25) }
```

## Border

The CSS property to change the border of an element to HunterLab 40.1241, 68.7496, 24.5689 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(225, 1, 25) }
```



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

```
.border{ border-color:rgb(225, 1, 25) }
```

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

Here you see how a box with a 4 pixel rgb(225, 1, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 1, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 1, 25);  
box-shadow:4px 4px 4px 4px rgb(225, 1, 25)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 40.1241, 68.7496, 24.5689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 1, 25) }
```

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

```
.background{ background-color: rgb(225, 1,  
25) }
```

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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