

Converting Colors

HunterLab(40.0897, 68.1878,
24.6730)

Have a look what the booklet for
HunterLab(40.0897, 68.1878,
24.6730) contains.

HunterLab(40.0221, 67.9967, 24.6510)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(40.0221, 67.9967,
24.6510)**

Conversions

Conversions Part 1

Format	Color
Hex	E00517
RGB	224, 5, 23
RGB Percent	88%, 2%, 9%
CMY	0.1216, 0.9802, 0.9098
CMYK	0.00, 0.98, 0.90, 0.12
HSL	355°, 96%, 45%
HSV	355°, 98%, 88%
XYZ	30.9494, 16.0177, 2.2711
YIQ	72.5330, 124.7460, 52.0260

Conversions

Conversions Part 2

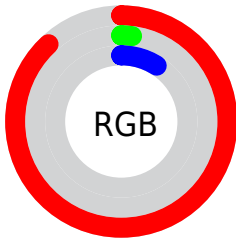
Format	Color
RYB	224, 5, 23
Decimal	14681367
CIELab	47.00, 72.44, 53.56
CIELCh	47, 90.092, 36.480
Yxy	16.0187, 0.6286, 0.3253
Android (android.graphics.Color)	4292871447 (0xFFE00517)
YUV	72.5330, -24.4198, 132.8366
Hunter-Lab	40.0221, 67.9967, 24.6510

Details

The HunterLab color **40.0221, 67.9967, 24.6510** 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 **76.0278, -44.1469, 0.5122**, and the grayscale version is **25.7091, -1.3718, 1.3968**.

A 20% lighter version of the original color is **54.0343, 57.7900, 27.7664**, and **26.9613, 46.1720, 17.4217** is the 20% darker color. If you saturate the color by 10%, you get **39.8648, 68.3823, 24.8873**, and if you desaturate by 10%, it is **41.0250, 65.6503, 23.0468**.

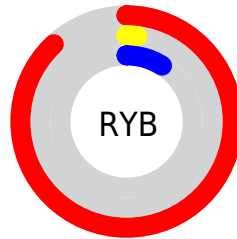
Distribution



Red (88%)

Green (2%)

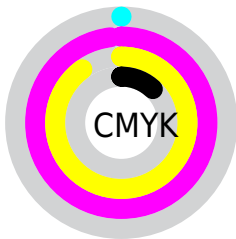
Blue (9%)



Red (88%)

Yellow (2%)

Blue (9%)

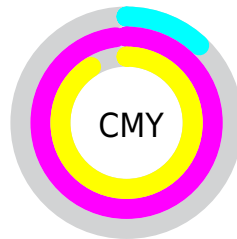


Cyan (0%)

Magenta (98%)

Yellow (90%)

Black (12%)



Cyan (12%)

Magenta (98%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0221, 67.9967, 24.6510 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 40.0221, 67.9967, 24.6510 by changing the saturation by 10% instead.

■ 40.0221, 67.9967,
24.6510

■ 40.0221, 67.9967,
24.6510

151.4768, 86.2406,
56.5369

■ 30.8827, 65.6706,
20.2450

■ 60.5233, 72.6255,
32.7953

■ 22.5684, 63.5242,
15.7979

■ 71.7845, 74.8427,
36.5628

■ 15.1728, 61.9510,
10.6209

■ 83.6686, 76.9711,
40.1698

■ 8.8025, 62.4736,
6.1617

■ 96.1446, 79.0064,
43.6416

0.0000, INF, NaN

0.0000, INF, NaN

■ 109.1856, 80.9486,
46.9989


0.0000, NaN, NaN


■ 122.7682, 82.7996,


0.0000, NaN, NaN


50.2584


0.0000, NaN, NaN


 136.8714, 84.5624,
53.4339


 40.0221, 67.9967,
24.6510

 40.0221, 67.9967,
24.6510


 39.8648, 68.3823,
24.8873

 41.0250, 65.6503,
23.0468

 42.9970, 60.9379,
20.8466

 46.0061, 54.1281,
18.3031

 49.9943, 45.9153,
15.6788

 54.8485, 36.9965,
13.1742

■ 60.4408, 27.8851,
10.9018

■ 66.6512, 18.8858,
8.9024

■ 73.3776, 10.1453,
7.1731

■ 80.5370, 1.7129,
5.6900

Harmonies

Analogous

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



40.0234, 89.5859, 8.7762



40.0221, 67.9967, 24.6510



40.0234, 28.5624, 28.0164

Triad

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



40.0234, 67.9915, 24.6517



40.0234, -47.1678, 20.2802



40.0234, 5.7787, -128.8123

Complementary

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



40.0221, 67.9967, 24.6510



76.0278, -44.1469, 0.5122

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.



40.0234, -25.6957, -112.9711



40.0221, 67.9967, 24.6510



40.0234, -49.5864, -5.7774

Square

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



40.0234, 67.9915, 24.6517



40.0234, -34.9150, 27.1264



40.0234, -43.2729, -57.9936



40.0234, 46.4917, -91.6573

Rectangle

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



40.0221, 67.9967, 24.6510



40.0234, 2.0971, 28.0164



40.0234, -43.2729, -57.9936



40.0234, -6.2035, -129.7773

Sweetspot

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



40.0234, 67.9915, 24.6517



76.1057, 23.3853, 10.6305



43.1023, 85.6456, -68.9468



33.7616, 12.8852, 5.3696

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.0234, 67.9915, 24.6517



46.1669, 79.1786, 28.9289



49.2699, 40.4937, 30.8942



37.0387, 1.4599, 2.7683



30.4256, 52.2127, 18.8229



8.0503, 13.8946, 4.3639

Inverse Universe

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



40.0234, 67.9915, 24.6517



46.1669, 79.1786, 28.9289



47.0393, 0.6864, -59.8891



37.0387, 1.4599, 2.7683



30.4256, 52.2127, 18.8229



8.0503, 13.8946, 4.3639

Previews

White Background



This preview shows how the HunterLab color 40.0221, 67.9967, 24.6510 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 40.0221, 67.9967, 24.6510 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 40.0221, 67.9967, 24.6510 Background



This preview shows how black text looks on a background with the HunterLab color 40.0221, 67.9967, 24.6510.



This preview shows how white text looks on a background with the HunterLab color 40.0221, 67.9967,

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

40.0221, 67.9967, 24.6510

Protanopia

40.5220, -5.0788, 21.5365

Deuteranopia

40.4414, 2.4322, 24.9624



Tritanopia

40.2347, 65.7073, 25.9427

Trichromacy



Original Color

40.0221, 67.9967, 24.6510

Protanomaly

35.6459, 26.0912, 19.6455

Deuteranomaly

36.2884, 31.1709, 22.5311

Tritanomaly

40.0589, 66.4540, 25.5075

Monochromacy



Original Color

40.0221, 67.9967, 24.6510

Achromatopsia

25.8120, -1.3773, 1.4024

Achromatomaly

26.4177, 25.7202, 8.6167

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0221, 67.9967, 24.6510 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(224, 5, 23)` looks like.

```
.text, #text, p{  
    color:rgb(224, 5, 23)  
}
```

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(224, 5, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 5, 23) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0221, 67.9967, 24.6510 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(224, 5, 23) }
```


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

```
.border{ border-color:rgb(224, 5, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 5, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 5, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 5, 23);  
box-shadow:4px 4px 4px 4px rgb(224, 5, 23)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 40.0221, 67.9967, 24.6510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 5, 23) }
```

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

```
.background{ background-color: rgb(224, 5,  
23) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor