

Converting Colors

HunterLab(38.3849, 65.7889,
24.3879)

Have a look what the booklet for
HunterLab(38.3849, 65.7889,
24.3879) contains.

HunterLab(38.4336, 65.8701, 24.4371)	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(38.4336, 65.8701,
24.4371)**

Conversions

Conversions Part 1

Format	Color
Hex	D90009
RGB	217, 0, 9
RGB Percent	85%, 0%, 4%
CMY	0.1490, 0.9998, 0.9647
CMYK	0.00, 1.00, 0.96, 0.15
HSL	358°, 100%, 43%
HSV	358°, 100%, 85%
XYZ	28.6646, 14.7714, 1.5988
YIQ	65.9090, 126.4430, 48.8030

Conversions

Conversions Part 2

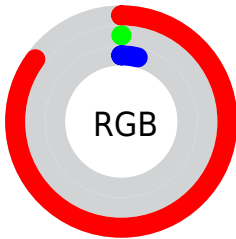
Format	Color
R_{YB}	217, 0, 9
Decimal	14221321
CIE Lab	45.32, 70.99, 56.75
CIE LCh	45, 90.885, 38.638
Yxy	14.7724, 0.6365, 0.3280
Android (android.graphics.Color)	4292411401 (0xFFD90009)
YUV	65.9090, -28.0561, 132.5068
Hunter-Lab	38.4336, 65.8701, 24.4371

Details

The HunterLab color **38.4336, 65.8701, 24.4371** 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 **73.6084, -41.0196, -3.4523**, and the grayscale version is **23.3826, -1.2476, 1.2704**.

A 20% lighter version of the original color is **53.4469, 58.5787, 29.2169**, and **25.6502, 43.9267, 16.5745** is the 20% darker color. If you saturate the color by 10%, you get **38.4333, 65.8693, 24.4390**, and if you desaturate by 10%, it is **39.2538, 63.7652, 23.4687**.

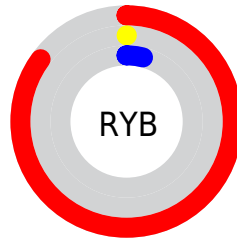
Distribution



Red (85%)

Green (0%)

Blue (4%)



Red (85%)

Yellow (0%)

Blue (4%)

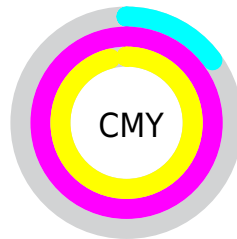


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (15%)



Cyan (15%)

Magenta (100%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.4336, 65.8701, 24.4371 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 38.4336, 65.8701, 24.4371 by changing the saturation by 10% instead.

■ 38.4336, 65.8701,
24.4371

■ 38.4336, 65.8701,
24.4371

■ 148.9914, 83.8897,
58.2115

■ 29.4275, 63.5719,
20.0148

■ 58.6970, 70.4538,
33.0956

■ 21.2602, 61.4711,
14.8821

■ 69.8502, 72.6480,
37.0977

■ 14.0302, 60.0089,
9.8211

■ 81.6321, 74.7524,
40.9243

■ 7.6750, 63.0028,
5.3725

■ 94.0108, 76.7627,
44.6020

0.0000, INF, NaN

0.0000, INF, NaN

■ 106.9587, 78.6790,
48.1529


0.0000, NaN, NaN


■ 120.4518, 80.5034,


0.0000, NaN, NaN

51.5952


0.0000, NaN, NaN


 134.4690, 82.2391,
54.9439

 38.4336, 65.8701,
24.4371


 38.4336, 65.8701,
24.4371


 38.4333, 65.8693,
24.4390

 39.2538, 63.7652,
23.4687

 40.9240, 59.6029,
21.7882

 43.5999, 53.3361,
19.5983

 47.2441, 45.6033,
17.1401

 51.7548, 37.1012,
14.6353

■ 57.0083, 28.3667,
12.2333

■ 62.8852, 19.7285,
10.0099

■ 69.2823, 11.3490,
7.9892

■ 76.1148, 3.2855,
6.1661

Harmonies

Analogous

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



38.4348, 89.6204, 10.5151



38.4336, 65.8701, 24.4371



38.4348, 25.6469, 26.9044

Triad

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



38.4348, 65.8651, 24.4378



38.4348, -46.7783, 18.8638



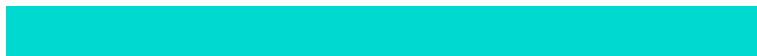
38.4348, 8.5805, -130.1684

Complementary

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



38.4336, 65.8701, 24.4371



73.6084, -41.0196, -3.4523

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.



38.4348, -23.6145, -117.9397



38.4336, 65.8701, 24.4371



38.4348, -48.5100, -8.8124

Square

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



38.4348, 65.8651, 24.4378



38.4348, -35.6814, 26.1335



38.4348, -41.7464, -63.1445



38.4348, 49.6109, -88.9630

Rectangle

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



38.4336, 65.8701, 24.4371



38.4348, -0.4407, 26.9044



38.4348, -41.7464, -63.1445



38.4348, -3.6389, -132.6027

Sweetspot

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



38.4348, 65.8651, 24.4378



75.2751, 23.9876, 12.0925



42.6079, 84.7182, -63.6090



33.4023, 13.1267, 6.1079

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.4348, 65.8651, 24.4378



46.1336, 79.0552, 29.4228



48.4011, 36.8257, 30.4675



36.1389, 1.3514, 2.8693



29.9092, 51.2728, 18.9202



7.6333, 13.1266, 4.5110

Inverse Universe

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



38.4348, 65.8651, 24.4378



46.1336, 79.0552, 29.4228



42.7695, 5.1435, -64.5573



36.1389, 1.3514, 2.8693



29.9092, 51.2728, 18.9202



7.6333, 13.1266, 4.5110

Previews

White Background



This preview shows how the HunterLab color 38.4336, 65.8701, 24.4371 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 38.4336, 65.8701, 24.4371 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 38.4336, 65.8701, 24.4371 Background



This preview shows how black text looks on a background with the HunterLab color 38.4336, 65.8701, 24.4371.



This preview shows how white text looks on a background with the HunterLab color 38.4336, 65.8701,

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

38.4336, 65.8701, 24.4371

Protanopia

39.3148, -5.3340, 22.2799

Deuteranopia

39.1202, 1.9516, 24.1399



Tritanopia

38.6618, 62.8838, 24.9241

Trichromacy



Original Color

38.4336, 65.8701, 24.4371

Protanomaly

34.0681, 25.4684, 20.1174

Deuteranomaly

34.8116, 30.8688, 21.8444

Tritanomaly

38.5919, 64.1899, 24.7716

Monochromacy



Original Color

38.4336, 65.8701, 24.4371

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

24.3112, 24.9075, 9.3619

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.4336, 65.8701, 24.4371 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(217, 0, 9)` looks like.

```
.text, #text, p{  
    color:rgb(217, 0, 9)  
}
```

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(217, 0, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 0, 9) }
```

Border

The CSS property to change the border of an element to HunterLab 38.4336, 65.8701, 24.4371 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(217, 0, 9) }
```


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

```
.border{ border-color:rgb(217, 0, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 0, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 0, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(217, 0, 9); box-shadow:4px  
4px 4px 4px rgb(217, 0, 9) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.4336, 65.8701, 24.4371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 0, 9) }
```

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

```
.background{ background-color: rgb(217, 0,  
9) }
```

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