

Converting Colors

HunterLab(38.4042, 41.4093,
24.3895)

Have a look what the booklet for
HunterLab(38.4042, 41.4093,
24.3895) contains.

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Color

**HunterLab(38.3968, 41.2126,
24.3814)**

Conversions

Conversions Part 1

Format	Color
Hex	BF4000
RGB	191, 64, 0
RGB Percent	75%, 25%, 0%
CMY	0.2510, 0.7490, 1.0000
CMYK	0.00, 0.66, 1.00, 0.25
HSL	20°, 100%, 37%
HSV	20°, 100%, 75%
XYZ	23.3192, 14.7431, 1.6167
YIQ	94.6770, 96.2360, 7.0200

Conversions

Conversions Part 2

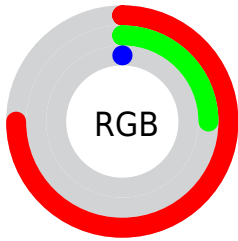
Format	Color
R _Y B	191, 96, 0
Decimal	12533760
CIE Lab	45.28, 48.87, 56.50
CIE LCh	45, 74.702, 49.141
Yxy	14.7440, 0.5877, 0.3716
Android (android.graphics.Color)	4290723840 (0xFFBF4000)
YUV	94.6770, -46.6758, 84.4753
Hunter-Lab	38.3968, 41.2126, 24.3814

Details

The HunterLab color **38.3968, 41.2126, 24.3814** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **43.5187, -6.4597, -40.4496**, and the grayscale version is **33.8525, -1.8063, 1.8393**.

A 20% lighter version of the original color is **58.7471, 44.4263, 33.0708**, and **21.6035, 36.9967, 13.9597** is the 20% darker color. If you saturate the color by 10%, you get **38.3976, 41.2097, 24.3819**, and if you desaturate by 10%, it is **40.4853, 36.0144, 24.6683**.

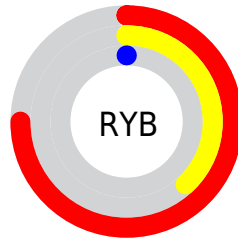
Distribution



Red (75%)

Green (25%)

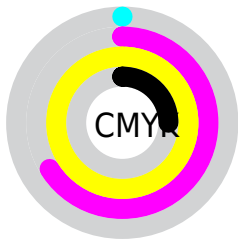
Blue (0%)



Red (75%)

Yellow (38%)

Blue (0%)

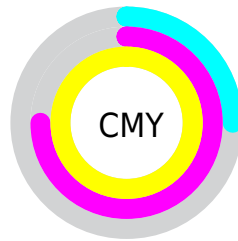


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.3968, 41.2126, 24.3814 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 38.3968, 41.2126, 24.3814 by changing the saturation by 10% instead.

38.3968, 41.2126,
24.3814

38.3968, 41.2126,
24.3814

148.9334, 53.2198,
58.0296

29.3937, 39.3580,
19.9648

58.6545, 44.5878,
33.0077

21.2299, 37.4393,
14.8609

69.8052, 46.1090,
36.9944

14.0038, 35.5796,
9.8027

81.5847, 47.5239,
40.8064

7.6466, 35.9538,
5.3526

93.9611, 48.8387,
44.4701

0.0000, INF, NaN

0.0000, NaN, NaN

106.9068, 50.0600,
48.0077


0.0000, NaN, NaN


120.3978, 51.1936,


0.0000, NaN, NaN


51.4372


0.0000, NaN, NaN


 134.4130, 52.2452,
54.7737

 38.3968, 41.2126,
24.3814


 38.3968, 41.2126,
24.3814


 38.3976, 41.2097,
24.3819

 40.4853, 36.0144,
24.6683

 42.9304, 30.6699,
24.4342

 45.7147, 25.3997,
23.5419

 48.8066, 20.3309,
22.0347

 52.1739, 15.5376,
19.9816

■ 55.7860, 11.0540,
17.4573

■ 59.6155, 6.8873,
14.5322

■ 63.6379, 3.0277,
11.2681

■ 67.8323, -0.5441,
7.7167

Harmonies

Analogous

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



38.3979, 65.3564, 15.6423



38.3968, 41.2126, 24.3814



38.3979, 8.9259, 26.3704

Triad

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



38.3979, 41.2089, 24.3819



38.3979, -42.6515, 10.7343



38.3979, 17.8049, -88.1429

Complementary

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



38.3968, 41.2126, 24.3814



43.5187, -6.4597, -40.4496

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.



38.3979, -11.9182, -93.6979



38.3968, 41.2126, 24.3814



38.3979, -41.5578, -19.4557

Square

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



38.3979, 41.2089, 24.3819



38.3979, -35.5496, 23.0298



38.3979, -31.9316, -62.7297



38.3979, 49.3305, -50.6674

Rectangle

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



38.3968, 41.2126, 24.3814



38.3979, -10.4432, 26.4123



38.3979, -31.9316, -62.7297



38.3979, 7.1305, -94.4851

Sweetspot

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



38.3979, 41.2089, 24.3819



79.5326, 9.4735, 19.6459



35.5209, 65.1684, -10.6765



36.2311, 5.5347, 10.0128



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



38.3979, 41.2089, 24.3819



50.9976, 56.2426, 32.4091



59.9415, -3.9096, 36.8671



31.6936, -0.3573, 3.4786



31.3429, 32.8113, 19.8877



7.1256, 4.1739, 4.4638

Inverse Universe

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



43.5187, -6.4597, -40.4496



57.8384, -8.0130, -54.9952



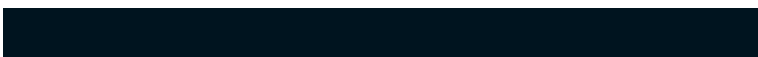
21.8764, 42.6258, -119.3599



32.0252, -2.9158, -0.0753



35.4956, -5.5745, -32.3327



7.8066, -2.2659, -4.8661

Previews

White Background



This preview shows how the HunterLab color 38.3968, 41.2126, 24.3814 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 38.3968, 41.2126, 24.3814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

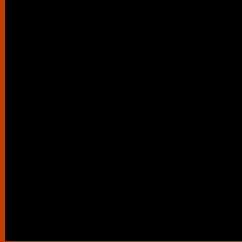
Any Text WCAG AA × Fail

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 38.3968, 41.2126, 24.3814 Background



This preview shows how black text looks on a background with the HunterLab color 38.3968, 41.2126, 24.3814.



This preview shows how white text looks on a background with the HunterLab color 38.3968, 41.2126,

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

38.3968, 41.2126, 24.3814

Protanopia

38.6176, -5.1118, 22.6904

Deuteranopia

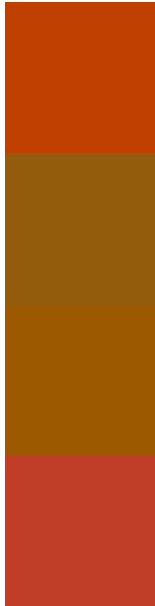
38.6455, 1.6706, 23.8424



Tritanopia

38.4670, 45.2172, 17.2465

Trichromacy



Original Color

38.3968, 41.2126, 24.3814

Protanomaly

37.2645, 11.1049, 22.5508

Deuteranomaly

37.6997, 15.8553, 23.5080

Tritanomaly

38.3369, 43.6788, 21.2830

Monochromacy



Original Color

38.3968, 41.2126, 24.3814

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

33.7827, 10.5829, 13.4993

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.3968, 41.2126, 24.3814 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(191, 64, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 64, 0)  
}
```

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(191, 64, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 64, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 38.3968, 41.2126, 24.3814 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(191, 64, 0) }
```


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

```
.border{ border-color:rgb(191, 64, 0) }
```

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

Here you see how a box with a 4 pixel rgb(191, 64, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 64, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 64, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 64, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 38.3968, 41.2126, 24.3814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 64, 0) }
```

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

```
.background{ background-color: rgb(191, 64,  
0) }
```

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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