

Converting Colors

HunterLab(38.5046, 37.3839,
25.4700)

Have a look what the booklet for
HunterLab(38.5046, 37.3839,
25.4700) contains.

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Color

**HunterLab(38.4981, 37.5156,
24.3791)**

Conversions

Conversions Part 1

Format	Color
Hex	BB4500
RGB	187, 69, 0
RGB Percent	73%, 27%, 0%
CMY	0.2667, 0.7294, 1.0000
CMYK	0.00, 0.63, 1.00, 0.27
HSL	22°, 100%, 37%
HSV	22°, 100%, 73%
XYZ	22.6216, 14.8210, 1.6685
YIQ	96.4160, 92.4770, 3.5570

Conversions

Conversions Part 2

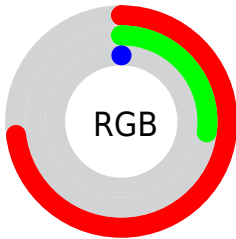
Format	Color
RYB	187, 109, 0
Decimal	12272896
CIELab	45.39, 45.25, 56.16
CIElCh	45, 72.127, 51.142
Yxy	14.8219, 0.5784, 0.3790
Android (android.graphics.Color)	4290462976 (0xFFBB4500)
YUV	96.4160, -47.5331, 79.4422
Hunter-Lab	38.4981, 37.5156, 24.3791

Details

The HunterLab color **38.4981, 37.5156, 24.3791** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **40.6738, -3.3867, -43.5274**, and the grayscale version is **34.5051, -1.8411, 1.8747**.

A 20% lighter version of the original color is **58.7694, 40.2780, 33.0134**, and **21.3433, 34.1984, 13.7503** is the 20% darker color. If you saturate the color by 10%, you get **38.4989, 37.5130, 24.3795**, and if you desaturate by 10%, it is **40.5795, 32.5176, 24.6933**.

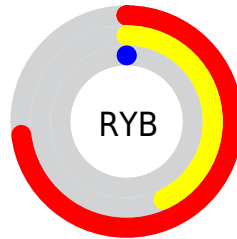
Distribution



Red (73%)

Green (27%)

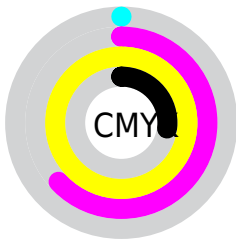
Blue (0%)



Red (73%)

Yellow (43%)

Blue (0%)

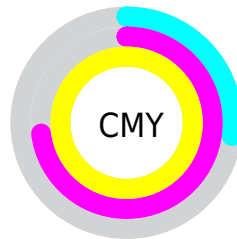


Cyan (0%)

Magenta (63%)

Yellow (100%)

Black (27%)



Cyan (27%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.4981, 37.5156, 24.3791 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 38.4981, 37.5156, 24.3791 by changing the saturation by 10% instead.

38.4981, 37.5156,
24.3791

38.4981, 37.5156,
24.3791

149.0925, 48.3948,
57.8372

29.4864, 35.7755,
19.9585

58.7711, 40.6375,
32.9546

21.3130, 33.9471,
14.9191

69.9288, 42.0290,
36.9179

14.0762, 32.1185,
9.8533

81.7149, 43.3148,
40.7078

7.7242, 32.1100,
5.4069

94.0975, 44.5021,
44.3507

0.0000, INF, NaN

0.0000, NaN, NaN

107.0492, 45.5979,
47.8686

0.0000, NaN, NaN


120.5460, 46.6082,


0.0000, NaN, NaN


51.2794


0.0000, NaN, NaN


 134.5668, 47.5389,
54.5982


 38.4981, 37.5156,
24.3791


 38.4981, 37.5156,
24.3791


 38.4989, 37.5130,
24.3795

 40.5795, 32.5176,
24.6933

 42.9658, 27.4813,
24.4951

 45.6440, 22.5869,
23.6439

 48.5882, 17.9294,
22.1740

 51.7721, 13.5613,
20.1452

■ 55.1706, 9.5043,
17.6247

■ 58.7611, 5.7589,
14.6779

■ 62.5232, 2.3130,
11.3637

■ 66.4393, -0.8530,
7.7331

Harmonies

Analogous

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



38.4992, 61.4994, 16.2862



38.4981, 37.5156, 24.3791



38.4992, 6.5190, 26.1967

Triad

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



38.4992, 37.5121, 24.3796



38.4992, -41.8937, 9.1276



38.4992, 19.1641, -81.7953

Complementary

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



38.4981, 37.5156, 24.3791



40.6738, -3.3867, -43.5274

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.



38.4992, -9.9410, -89.4977



38.4981, 37.5156, 24.3791



38.4992, -40.2817, -21.1031

Square

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



38.4992, 37.5121, 24.3796



38.4992, -35.4448, 22.2868



38.4992, -30.1629, -62.1784



38.4992, 48.9886, -45.3536

Rectangle

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



38.4981, 37.5156, 24.3791



38.4992, -11.8433, 26.1430



38.4992, -30.1629, -62.1784



38.4992, 8.8179, -88.5161

Sweetspot

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



38.4992, 37.5121, 24.3796



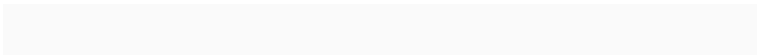
78.3997, 7.9417, 19.8473



34.4719, 62.8580, -7.3705



35.8240, 4.7037, 10.1231



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



38.4992, 37.5121, 24.3796



51.1195, 51.2930, 32.3975



60.3563, -6.7699, 37.0726



31.7766, -0.4986, 3.5692



32.1557, 30.6056, 20.3500



7.2886, 3.8042, 4.5578

Inverse Universe

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



40.6738, -3.3867, -43.5274



54.0012, -3.8250, -59.2398



20.6891, 44.1690, -121.2071



31.9397, -2.7768, -0.1784



33.9709, -3.1511, -35.6584



7.5702, -1.9249, -5.3067

Previews

White Background



This preview shows how the HunterLab color 38.4981, 37.5156, 24.3791 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 38.4981, 37.5156, 24.3791 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 38.4981, 37.5156, 24.3791 Background



This preview shows how black text looks on a background with the HunterLab color 38.4981, 37.5156, 24.3791.



This preview shows how white text looks on a background with the HunterLab color 38.4981, 37.5156,

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

38.4981, 37.5156, 24.3791

Protanopia

38.8868, -5.5686, 22.9251

Deuteranopia

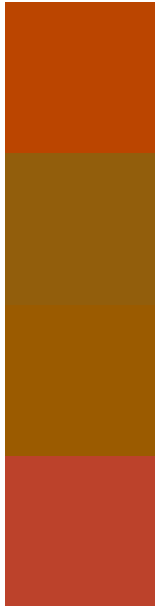
38.7542, 2.0377, 23.9158



Tritanopia

38.4389, 42.3974, 15.9927

Trichromacy



Original Color

38.4981, 37.5156, 24.3791

Protanomaly

37.6071, 9.7658, 22.7959

Deuteranomaly

38.0141, 14.5154, 23.6782

Tritanomaly

38.4216, 40.1889, 20.8520

Monochromacy



Original Color

38.4981, 37.5156, 24.3791

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

34.1462, 9.3695, 13.5389

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.4981, 37.5156, 24.3791 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(187, 69, 0)` looks like.

```
.text, #text, p{  
    color:rgb(187, 69, 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(187, 69, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 69, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 38.4981, 37.5156, 24.3791 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(187, 69, 0) }
```


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

```
.border{ border-color:rgb(187, 69, 0) }
```

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

Here you see how a box with a 4 pixel rgb(187, 69, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 69, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 69, 0);  
box-shadow:4px 4px 4px 4px rgb(187, 69, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 38.4981, 37.5156, 24.3791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 69, 0) }
```

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

```
.background{ background-color: rgb(187, 69,  
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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