

Converting Colors

HunterLab(39.2329, 36.9777,
24.8225)

Have a look what the booklet for
HunterLab(39.2329, 36.9777,
24.8225) contains.

HunterLab(39.3110, 37.0209, 24.8714)	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(39.3110, 37.0209,
24.8714)**

Conversions

Conversions Part 1

Format	Color
Hex	BD4800
RGB	189, 72, 0
RGB Percent	74%, 28%, 0%
CMY	0.2588, 0.7176, 1.0000
CMYK	0.00, 0.62, 1.00, 0.26
HSL	23°, 100%, 37%
HSV	23°, 100%, 74%
XYZ	23.3036, 15.4535, 1.7546
YIQ	98.7750, 92.8440, 2.4120

Conversions

Conversions Part 2

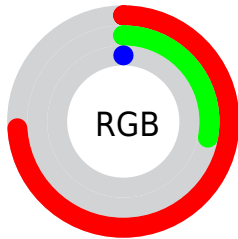
Format	Color
RYB	189, 116, 0
Decimal	12404736
CIELab	46.25, 44.62, 56.81
CIElCh	46, 72.240, 51.851
Yxy	15.4544, 0.5752, 0.3815
Android (android.graphics.Color)	4290594816 (0xFFBD4800)
YUV	98.7750, -48.6961, 79.1273
Hunter-Lab	39.3110, 37.0209, 24.8714

Details

The HunterLab color **39.3110, 37.0209, 24.8714** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **40.4912, -2.3276, -45.5857**, and the grayscale version is **35.3923, -1.8884, 1.9229**.

A 20% lighter version of the original color is **59.7228, 39.6717, 33.5215**, and **22.0311, 33.7434, 14.1662** is the 20% darker color. If you saturate the color by 10%, you get **39.3119, 37.0180, 24.8719**, and if you desaturate by 10%, it is **41.4254, 31.9994, 25.2108**.

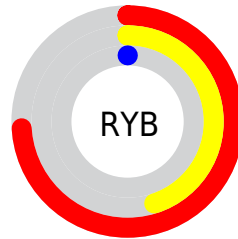
Distribution



Red (74%)

Green (28%)

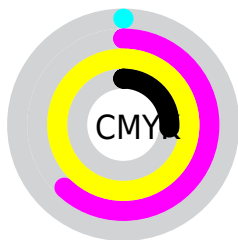
Blue (0%)



Red (74%)

Yellow (45%)

Blue (0%)

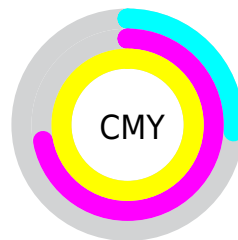


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (26%)



Cyan (26%)

Magenta (72%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.3110, 37.0209, 24.8714 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 39.3110, 37.0209, 24.8714 by changing the saturation by 10% instead.

39.3110, 37.0209,
24.8714

39.3110, 37.0209,
24.8714

150.3664, 47.6282,
58.5531

30.2307, 35.3113,
20.3811

59.7063, 40.0775,
33.4937

21.9816, 33.5063,
15.3871

70.9195, 41.4368,
37.4821

14.6594, 31.6797,
10.2616

82.7582, 42.6912,
41.2975

8.3184, 30.7261,
5.8229

95.1908, 43.8481,
44.9661

0.0000, INF, NaN

0.0000, NaN, NaN

108.1904, 44.9144,
48.5095


0.0000, NaN, NaN


121.7331, 45.8962,


0.0000, NaN, NaN


51.9457


0.0000, NaN, NaN


 135.7980, 46.7991,
55.2895


 39.3110, 37.0209,
24.8714


 39.3110, 37.0209,
24.8714


 39.3119, 37.0180,
24.8719

 41.4254, 31.9994,
25.2108

 43.8351, 26.9704,
25.0255

 46.5280, 22.1046,
24.1742

 49.4796, 17.4902,
22.6887

 52.6647, 13.1750,
20.6271

■ 56.0595, 9.1775,
18.0554

■ 59.6424, 5.4967,
15.0389

■ 63.3938, 2.1196,
11.6367

■ 67.2967, -0.9739,
7.9008

Harmonies

Analogous

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



39.3121, 61.4350, 16.8336



39.3110, 37.0209, 24.8714



39.3121, 5.8318, 26.6505

Triad

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



39.3121, 37.0174, 24.8719



39.3121, -42.4762, 8.7331



39.3121, 20.0261, -81.3247

Complementary

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



39.3110, 37.0209, 24.8714



40.4912, -2.3276, -45.5857

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.



39.3121, -9.4483, -89.8923



39.3110, 37.0209, 24.8714



39.3121, -40.6459, -22.1096

Square

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



39.3121, 37.0174, 24.8719



39.3121, -36.1268, 22.4576



39.3121, -30.1487, -63.2532



39.3121, 49.8659, -44.4998

Rectangle

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



39.3110, 37.0209, 24.8714



39.3121, -12.5620, 26.5651



39.3121, -30.1487, -63.2532



39.3121, 9.5859, -88.3038

Sweetspot

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



39.3121, 37.0174, 24.8719



79.5826, 7.5838, 20.3330



34.8821, 63.6029, -7.4336



35.9562, 4.4602, 10.2445



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.



39.3121, 37.0174, 24.8719



52.2033, 50.6285, 33.0538



61.0721, -6.8420, 37.5125



31.8059, -0.5484, 3.6012



32.4585, 29.8033, 20.5225



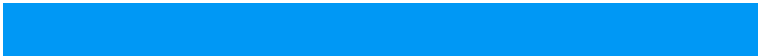
7.3475, 3.6729, 4.5918

Inverse Universe

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



40.4912, -2.3276, -45.5857



53.7458, -2.3778, -62.0447



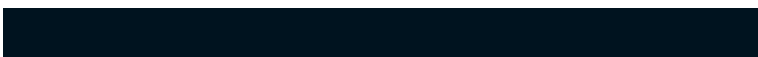
20.9238, 44.7452, -122.7446



31.9095, -2.7276, -0.2149



33.4401, -2.2836, -36.8676



7.4874, -1.8034, -5.4655

Previews

White Background



This preview shows how the HunterLab color 39.3110, 37.0209, 24.8714 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 39.3110, 37.0209, 24.8714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

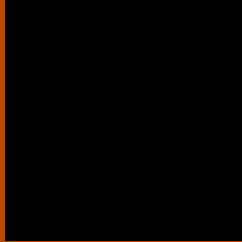
Any Text WCAG AA × Fail

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 39.3110, 37.0209, 24.8714 Background



This preview shows how black text looks on a background with the HunterLab color 39.3110, 37.0209, 24.8714.



This preview shows how white text looks on a background with the HunterLab color 39.3110, 37.0209, 24.8714.

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

39.3110, 37.0209, 24.8714

Protanopia

39.6245, -5.7614, 23.3937

Deuteranopia

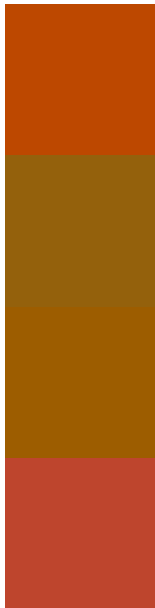
39.4869, 1.8654, 24.3643



Tritanopia

39.4279, 42.5088, 16.0752

Trichromacy



Original Color

39.3110, 37.0209, 24.8714

Protanomaly

38.5640, 9.1350, 23.3881

Deuteranomaly

38.7257, 14.3638, 24.1141

Tritanomaly

39.2337, 39.7911, 21.1205

Monochromacy



Original Color

39.3110, 37.0209, 24.8714

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

35.2267, 9.2195, 13.9529

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.3110, 37.0209, 24.8714 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(189, 72, 0)` looks like.

```
.text, #text, p{  
    color:rgb(189, 72, 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(189, 72, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 72, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 39.3110, 37.0209, 24.8714 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(189, 72, 0) }
```


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

```
.border{ border-color:rgb(189, 72, 0) }
```

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

Here you see how a box with a 4 pixel rgb(189, 72, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 72, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 72, 0);  
box-shadow:4px 4px 4px 4px rgb(189, 72, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 39.3110, 37.0209, 24.8714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 72, 0) }
```

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

```
.background{ background-color: rgb(189, 72,  
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](#).

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