

Converting Colors

HunterLab(37.7581, 50.1754,
24.1448)

Have a look what the booklet for
HunterLab(37.7581, 50.1754,
24.1448) contains.

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Color

**HunterLab(37.7571, 50.2715,
24.1459)**

Conversions

Conversions Part 1

Format	Color
Hex	C73000
RGB	199, 48, 0
RGB Percent	78%, 19%, 0%
CMY	0.2196, 0.8117, 1.0000
CMYK	0.00, 0.76, 1.00, 0.22
HSL	14°, 100%, 39%
HSV	14°, 100%, 78%
XYZ	24.6101, 14.2560, 1.4545
YIQ	87.6770, 105.4040, 17.0840

Conversions

Conversions Part 2

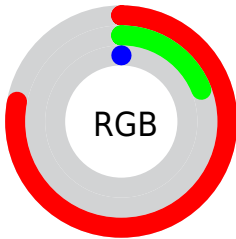
Format	Color
R_{YB}	199, 63, 0
Decimal	13053952
CIE _{Lab}	44.60, 57.48, 57.02
CIE _{LCh}	45, 80.969, 44.770
Yxy	14.2569, 0.6103, 0.3536
Android (android.graphics.Color)	4291244032 (0xFFC73000)
YUV	87.6770, -43.2248, 97.6303
Hunter-Lab	37.7571, 50.2715, 24.1459

Details

The HunterLab color **37.7571, 50.2715, 24.1459** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **51.2375, -15.2056, -31.2179**, and the grayscale version is **31.2488, -1.6674, 1.6978**.

A 20% lighter version of the original color is **56.4304, 50.1812, 31.8531**, and **22.6956, 38.8669, 14.6653** is the 20% darker color. If you saturate the color by 10%, you get **37.7582, 50.2674, 24.1465**, and if you desaturate by 10%, it is **39.6981, 45.0164, 24.2684**.

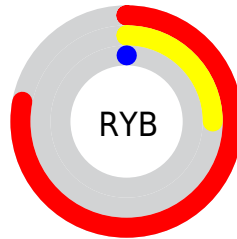
Distribution



Red (78%)

Green (19%)

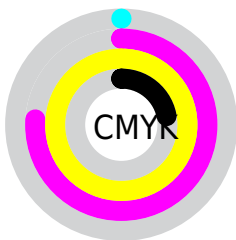
Blue (0%)



Red (78%)

Yellow (25%)

Blue (0%)

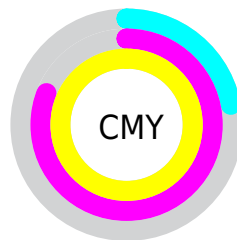


Cyan (0%)

Magenta (76%)

Yellow (100%)

Black (22%)



Cyan (22%)

Magenta (81%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.7571, 50.2715, 24.1459 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 37.7571, 50.2715, 24.1459 by changing the saturation by 10% instead.

37.7571, 50.2715,
24.1459

37.7571, 50.2715,
24.1459

147.9267, 64.8510,
58.1632

28.8089, 48.1889,
19.7878

57.9173, 54.1984,
32.8766

20.7056, 46.1285,
14.4939

69.0238, 56.0126,
36.9102

13.5480, 44.3313,
9.4836

80.7614, 57.7224,
40.7654

7.1354, 47.0428,
4.9948

93.0980, 59.3311,
44.4691

0.0000, INF, NaN

0.0000, NaN, NaN

106.0056, 60.8433,
48.0437


0.0000, NaN, NaN


119.4602, 62.2641,


0.0000, NaN, NaN


51.5079

0.0000, NaN, NaN


 133.4402, 63.5984,
54.8768


 37.7571, 50.2715,
24.1459

 37.7571, 50.2715,
24.1459


 37.7582, 50.2674,
24.1465

 39.6981, 45.0164,
24.2684

 42.1573, 39.1571,
23.8643

 45.1087, 33.0542,
22.8100

 48.5041, 26.9628,
21.1773

 52.2916, 21.0512,
19.0636

■ 56.4220, 15.4135,
16.5643

■ 60.8508, 10.0898,
13.7609

■ 65.5396, 5.0856,
10.7188

■ 70.4560, 0.3864,
7.4880

Harmonies

Analogous

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



37.7583, 74.5801, 13.8363



37.7571, 50.2715, 24.1459



37.7583, 14.9420, 26.4308

Triad

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



37.7583, 50.2673, 24.1465



37.7583, -44.0193, 14.1174



37.7583, 14.4026, -104.0632

Complementary

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



37.7571, 50.2715, 24.1459



51.2375, -15.2056, -31.2179

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.



37.7583, -16.4266, -103.7029



37.7571, 50.2715, 24.1459



37.7583, -44.0801, -15.4345

Square

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



37.7583, 50.2673, 24.1465



37.7583, -35.4792, 24.2122



37.7583, -35.6855, -63.6008



37.7583, 49.7643, -64.3722

Rectangle

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



37.7571, 50.2715, 24.1459



37.7583, -6.8439, 26.4308



37.7583, -35.6855, -63.6008



37.7583, 3.0658, -109.2605

Sweetspot

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



37.7583, 50.2673, 24.1465



80.2542, 13.6525, 18.3795



37.9837, 71.0653, -22.0996



35.9517, 7.6901, 9.2545

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.7583, 50.2673, 24.1465



49.6523, 67.4661, 31.7766



57.1656, 5.5681, 35.3227



33.2349, 0.0495, 3.4204



30.4687, 39.7307, 19.4702



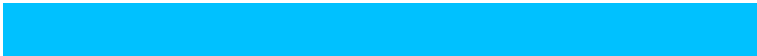
7.4610, 6.3366, 4.7084

Inverse Universe

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



51.2375, -15.2056, -31.2179



67.5067, -19.7050, -41.8401



25.8375, 34.8189, -107.4587



34.0839, -3.4974, 0.2103



41.2592, -12.4371, -24.7222



9.5572, -3.5056, -4.3782

Previews

White Background



This preview shows how the HunterLab color 37.7571, 50.2715, 24.1459 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 37.7571, 50.2715, 24.1459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

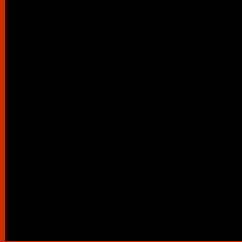
Any Text WCAG AA × Fail

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 37.7571, 50.2715, 24.1459 Background



This preview shows how black text looks on a background with the HunterLab color 37.7571, 50.2715, 24.1459.



This preview shows how white text looks on a background with the HunterLab color 37.7571, 50.2715,

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

37.7571, 50.2715, 24.1459

Protanopia

38.1711, -5.2681, 22.1695

Deuteranopia

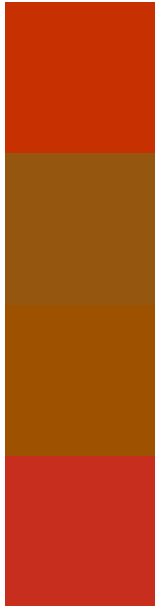
37.9153, 1.8426, 23.3955



Tritanopia

37.8859, 52.6701, 20.2221

Trichromacy



Original Color

37.7571, 50.2715, 24.1459

Protanomaly

36.1658, 14.7341, 21.8022

Deuteranomaly

36.4742, 19.9426, 22.8244

Tritanomaly

37.8445, 51.7746, 22.4049

Monochromacy



Original Color

37.7571, 50.2715, 24.1459

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

31.0480, 14.6468, 12.2435

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.7571, 50.2715, 24.1459 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(199, 48, 0)` looks like.

```
.text, #text, p{  
    color:rgb(199, 48, 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(199, 48, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 48, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 37.7571, 50.2715, 24.1459 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(199, 48, 0) }
```


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

```
.border{ border-color:rgb(199, 48, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 48, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 48, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 48, 0);  
box-shadow:4px 4px 4px 4px rgb(199, 48, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.7571, 50.2715, 24.1459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 48, 0) }
```

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

```
.background{ background-color: rgb(199, 48,  
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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