

Converting Colors

HunterLab(42.2528, 37.9630,
25.7790)

Have a look what the booklet for
HunterLab(42.2528, 37.9630,
25.7790) contains.

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Color

**HunterLab(42.3438, 37.8119,
25.8273)**

Conversions

Conversions Part 1

Format	Color
Hex	C75014
RGB	199, 80, 20
RGB Percent	78%, 31%, 8%
CMY	0.2196, 0.6862, 0.9216
CMYK	0.00, 0.60, 0.90, 0.22
HSL	20°, 82%, 43%
HSV	20°, 90%, 78%
XYZ	26.5482, 17.9300, 2.7234
YIQ	108.7410, 90.1840, 6.5680

Conversions

Conversions Part 2

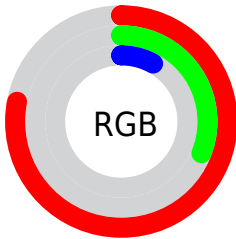
Format	Color
R_{YB}	199, 110, 20
Decimal	13062164
CIE _{Lab}	49.41, 44.89, 54.29
CIE _{LCh}	49, 70.445, 50.412
Yxy	17.9310, 0.5624, 0.3799
Android (android.graphics.Color)	4291252244 (0xFFC75014)
YUV	108.7410, -43.7493, 79.1571
Hunter-Lab	42.3438, 37.8119, 25.8273

Details

The HunterLab color **42.3438, 37.8119, 25.8273** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **47.6822, -9.2128, -37.9660**, and the grayscale version is **39.1457, -2.0887, 2.1269**.

A 20% lighter version of the original color is **62.0507, 37.5385, 33.0344**, and **24.5227, 34.7094, 15.7184** is the 20% darker color. If you saturate the color by 10%, you get **40.1626, 43.2603, 25.5010**, and if you desaturate by 10%, it is **44.9053, 32.1979, 25.5950**.

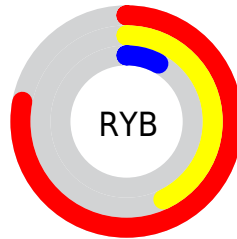
Distribution



Red (78%)

Green (31%)

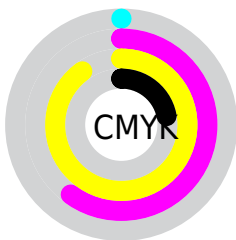
Blue (8%)



Red (78%)

Yellow (43%)

Blue (8%)

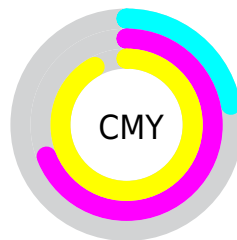


Cyan (0%)

Magenta (60%)

Yellow (90%)

Black (22%)



Cyan (22%)

Magenta (69%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.3438, 37.8119, 25.8273 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 42.3438, 37.8119, 25.8273 by changing the saturation by 10% instead.

42.3438, 37.8119,
25.8273

42.3438, 37.8119,
25.8273

155.0748, 48.2358,
57.7939

33.0158, 36.1292,
21.3955

63.1820, 40.8141,
33.9625

24.4948, 34.3432,
17.1463

74.5967, 42.1492,
37.7343

16.8673, 32.5021,
11.8071

86.6263, 43.3817,
41.3499

10.2537, 30.8049,
7.1776

99.2410, 44.5187,
44.8334

0.0000, INF, NaN

0.0000, NaN, NaN

112.4147, 45.5669,
48.2048

0.0000, NaN, NaN

126.1247, 46.5323,

0.0000, NaN, NaN

51.4801

0.0000, NaN, NaN

140.3508, 47.4203,
54.6728

42.3438, 37.8119,
25.8273

42.3438, 37.8119,
25.8273

40.1626, 43.2603,
25.5010

44.9053, 32.1979,
25.5950

40.1522, 43.2872,
25.4994

47.8231, 26.6633,
24.6690

51.0650, 21.3393,
23.0945

54.5972, 16.3047,
20.9443

58.3873, 11.5962,
18.2973

■ 62.4063, 7.2212,
15.2278

■ 66.6285, 3.1697,
11.8009

■ 71.0316, -0.5789,
8.0715

■ 75.5965, -4.0496,
4.0848

Harmonies

Analogous

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



42.3450, 60.9461, 16.5611



42.3438, 37.8119, 25.8273



42.3450, 7.0863, 28.0924

Triad

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



42.3450, 37.8082, 25.8278



42.3450, -43.3517, 9.9804



42.3450, 18.2028, -79.2921

Complementary

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



42.3438, 37.8119, 25.8273



47.6822, -9.2128, -37.9660

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.



42.3450, -10.8631, -85.6994



42.3438, 37.8119, 25.8273



42.3450, -41.8343, -19.7349

Square

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



42.3450, 37.8082, 25.8278



42.3450, -36.2826, 23.6791



42.3450, -31.4040, -59.2224



42.3450, 47.7397, -45.0571

Rectangle

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



42.3438, 37.8119, 25.8273



42.3450, -11.5605, 28.0734



42.3450, -31.4040, -59.2224



42.3450, 7.9159, -85.3660

Sweetspot

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



42.3450, 37.8082, 25.8278



83.9796, 8.1474, 19.0344



38.1003, 66.7904, -13.5637



37.9745, 4.6567, 9.5033

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.3450, 37.8082, 25.8278



52.7574, 58.3269, 33.5299



63.7421, -5.4202, 38.5670



33.4788, -0.3676, 3.6877



32.4230, 34.0852, 20.5756



7.9489, 5.1366, 4.9880

Inverse Universe

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



47.6822, -9.2128, -37.9660



59.8235, -8.2129, -57.0448



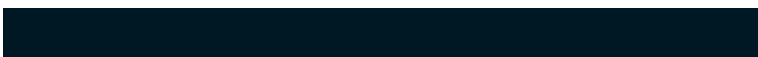
25.5723, 37.1324, -108.8680



33.8310, -3.0881, -0.0934



36.7157, -5.7020, -33.5824



8.7626, -2.3989, -5.7740

Previews

White Background



This preview shows how the HunterLab color 42.3438, 37.8119, 25.8273 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 42.3438, 37.8119, 25.8273 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 42.3438, 37.8119, 25.8273 Background



This preview shows how black text looks on a background with the HunterLab color 42.3438, 37.8119, 25.8273.



This preview shows how white text looks on a background with the HunterLab color 42.3438, 37.8119,

25.8273.

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

42.3438, 37.8119, 25.8273

Protanopia

42.4702, -5.4547, 24.3597

Deuteranopia

42.4004, 2.3710, 26.1684



Tritanopia

42.4431, 43.5442, 16.5823

Trichromacy



Original Color

42.3438, 37.8119, 25.8273

Protanomaly

41.4045, 9.6321, 24.2824

Deuteranomaly

41.6475, 15.1158, 25.6415

Tritanomaly

42.2996, 40.9129, 21.1702

Monochromacy



Original Color

42.3438, 37.8119, 25.8273

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

38.7582, 9.8334, 13.3142

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.3438, 37.8119, 25.8273 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, 80, 20)` looks like.

```
.text, #text, p{  
    color:rgb(199, 80, 20)  
}
```

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, 80, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 80, 20) }
```

Border

The CSS property to change the border of an element to HunterLab 42.3438, 37.8119, 25.8273 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, 80, 20) }
```


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

```
.border{ border-color:rgb(199, 80, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 80, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 80, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 80, 20);  
box-shadow:4px 4px 4px 4px rgb(199, 80,  
20) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.3438, 37.8119, 25.8273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 80, 20) }
```

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

```
.background{ background-color: rgb(199, 80,  
20) }
```

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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