

Converting Colors

HunterLab(41.9909, 40.4242,
25.7679)

Have a look what the booklet for
HunterLab(41.9909, 40.4242,
25.7679) contains.

HunterLab(41.9882, 40.3721, 25.7716)	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(41.9882, 40.3721,
25.7716)**

Conversions

Conversions Part 1

Format	Color
Hex	C94C12
RGB	201, 76, 18
RGB Percent	79%, 30%, 7%
CMY	0.2118, 0.7019, 0.9294
CMYK	0.00, 0.62, 0.91, 0.21
HSL	19°, 84%, 43%
HSV	19°, 91%, 79%
XYZ	26.7811, 17.6301, 2.5637
YIQ	106.7630, 93.1180, 8.4620

Conversions

Conversions Part 2

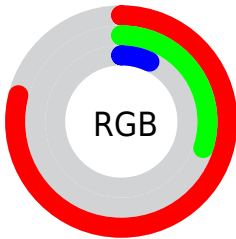
Format	Color
RYB	201, 103, 18
Decimal	13192210
CIELab	49.05, 47.43, 54.82
CIElCh	49, 72.489, 49.137
Yxy	17.6311, 0.5701, 0.3753
Android (android.graphics.Color)	4291382290 (0xFFC94C12)
YUV	106.7630, -43.7602, 82.6458
Hunter-Lab	41.9882, 40.3721, 25.7716

Details

The HunterLab color **41.9882, 40.3721, 25.7716** 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 **48.9784, -10.5865, -36.8967**, and the grayscale version is **38.3916, -2.0485, 2.0859**.

A 20% lighter version of the original color is **61.1578, 39.4793, 32.7589**, and **24.3343, 37.1043, 15.6443** is the 20% darker color. If you saturate the color by 10%, you get **40.0647, 45.2987, 25.4807**, and if you desaturate by 10%, it is **44.5265, 34.6182, 25.5897**.

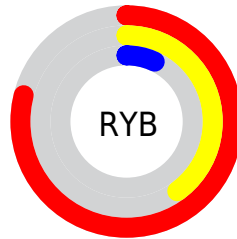
Distribution



Red (79%)

Green (30%)

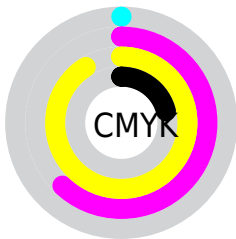
Blue (7%)



Red (79%)

Yellow (40%)

Blue (7%)

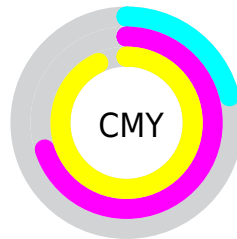


Cyan (0%)

Magenta (62%)

Yellow (91%)

Black (21%)



Cyan (21%)

Magenta (70%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.9882, 40.3721, 25.7716 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 41.9882, 40.3721, 25.7716 by changing the saturation by 10% instead.

41.9882, 40.3721,
25.7716

41.9882, 40.3721,
25.7716

154.5262, 51.6150,
58.0595

32.6886, 38.6007,
21.2972

62.7756, 43.5626,
33.9955

24.1987, 36.7383,
16.9391

74.1670, 44.9924,
37.8073

16.6059, 34.8515,
11.6241

86.1747, 46.3184,
41.4601

10.0325, 33.1946,
7.0228

98.7684, 47.5475,
44.9785

0.0000, INF, NaN

0.0000, INF, NaN

111.9220, 48.6860,
48.3826

0.0000, NaN, NaN

125.6127, 49.7399,

0.0000, NaN, NaN

51.6887

0.0000, NaN, NaN

139.8202, 50.7146,
54.9106

41.9882, 40.3721,
25.7716

41.9882, 40.3721,
25.7716

40.0647, 45.2987,
25.4807

44.5265, 34.6182,
25.5897

47.4535, 28.8738,
24.7108

50.7344, 23.2989,
23.1803

54.3313, 17.9935,
21.0747

58.2083, 13.0079,
18.4774

■ 62.3328, 8.3575,
15.4663

■ 66.6761, 4.0356,
12.1090

■ 71.2137, 0.0234,
8.4620

■ 75.9241, -3.7042,
4.5707

Harmonies

Analogous

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



41.9894, 63.7486, 16.1241



41.9882, 40.3721, 25.7716



41.9894, 8.6862, 28.0726

Triad

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



41.9894, 40.3683, 25.7722



41.9894, -43.8958, 11.0338



41.9894, 17.4508, -83.8693

Complementary

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



41.9882, 40.3721, 25.7716



48.9784, -10.5865, -36.8967

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.



41.9894, -12.1568, -89.0385



41.9882, 40.3721, 25.7716



41.9894, -42.7322, -18.8559

Square

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



41.9894, 40.3683, 25.7722



41.9894, -36.3930, 24.1823



41.9894, -32.6235, -60.0661



41.9894, 48.2500, -48.6968

Rectangle

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



41.9882, 40.3721, 25.7716



41.9894, -10.6621, 28.1100



41.9894, -32.6235, -60.0661



41.9894, 6.8972, -89.7746

Sweetspot

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



41.9894, 40.3683, 25.7722



83.6125, 8.8141, 18.6756



38.5160, 68.2253, -15.1058



37.7859, 5.0043, 9.3234

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.9894, 40.3683, 25.7722



52.0763, 60.2654, 33.1442



63.4537, -3.8722, 38.4972



33.4313, -0.2867, 3.6358



31.9994, 35.2677, 20.3353



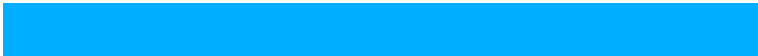
7.8508, 5.3701, 4.9317

Inverse Universe

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



48.9784, -10.5865, -36.8967



61.2849, -10.4936, -53.9483



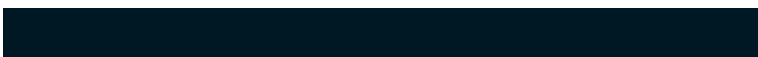
26.0036, 36.8681, -109.3234



33.8800, -3.1677, -0.0343



37.5808, -7.0374, -31.7810



8.9149, -2.6169, -5.4937

Previews

White Background



This preview shows how the HunterLab color 41.9882, 40.3721, 25.7716 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 41.9882, 40.3721, 25.7716 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 41.9882, 40.3721, 25.7716 Background



This preview shows how black text looks on a background with the HunterLab color 41.9882, 40.3721, 25.7716.



This preview shows how white text looks on a background with the HunterLab color 41.9882, 40.3721,

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

41.9882, 40.3721, 25.7716

Protanopia

42.3687, -5.8274, 24.3788

Deuteranopia

42.0295, 2.4581, 25.9414



Tritanopia

42.0844, 45.7576, 17.3552

Trichromacy



Original Color

41.9882, 40.3721, 25.7716

Protanomaly

41.1568, 10.0780, 24.2121

Deuteranomaly

41.1900, 16.0726, 25.3731

Tritanomaly

41.9380, 43.2540, 21.6652

Monochromacy



Original Color

41.9882, 40.3721, 25.7716

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

38.1267, 10.2341, 13.3211

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.9882, 40.3721, 25.7716 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(201, 76, 18)` looks like.

```
.text, #text, p{  
    color:rgb(201, 76, 18)  
}
```

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(201, 76, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 76, 18) }
```

Border

The CSS property to change the border of an element to HunterLab 41.9882, 40.3721, 25.7716 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(201, 76, 18) }
```


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

```
.border{ border-color:rgb(201, 76, 18) }
```

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

Here you see how a box with a 4 pixel rgb(201, 76, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 76, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 76, 18);  
box-shadow:4px 4px 4px 4px rgb(201, 76,  
18) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.9882, 40.3721, 25.7716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 76, 18) }
```

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

```
.background{ background-color: rgb(201, 76,  
18) }
```

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