

Converting Colors

HunterLab(40.8523, 52.9155,
20.2898)

Have a look what the booklet for
HunterLab(40.8523, 52.9155,
20.2898) contains.

HunterLab(40.8523, 52.9155, 20.2898)	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(40.8523, 52.9155,
20.2898)**

Conversions

Conversions Part 1

Format	Color
Hex	D1383A
RGB	209, 56, 58
RGB Percent	82%, 22%, 23%
CMY	0.1804, 0.7803, 0.7725
CMYK	0.00, 0.73, 0.72, 0.18
HSL	359°, 62%, 52%
HSV	359°, 73%, 82%
XYZ	28.4723, 16.6891, 5.7236
YIQ	101.9750, 90.5460, 33.0580

Conversions

Conversions Part 2

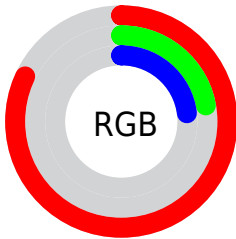
Format	Color
RYB	209, 56, 58
Decimal	13711418
CIELab	47.87, 59.26, 35.19
CIElCh	48, 68.927, 30.704
Yxy	16.6901, 0.5595, 0.3280
Android (android.graphics.Color)	4291901498 (0xFFD1383A)
YUV	101.9750, -21.6797, 93.8609
Hunter-Lab	40.8523, 52.9155, 20.2898

Details

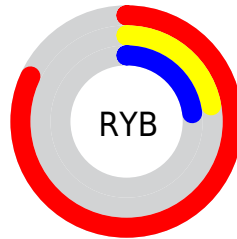
The HunterLab color **40.8523, 52.9155, 20.2898** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **71.3773, -35.6431, -5.6818**, and the grayscale version is **36.4987, -1.9475, 1.9830**.

A 20% lighter version of the original color is **58.5963, 49.3399, 23.1734**, and **24.9751, 42.9086, 15.0678** is the 20% darker color. If you saturate the color by 10%, you get **38.6002, 58.4091, 22.0721**, and if you desaturate by 10%, it is **44.0563, 45.8268, 18.0899**.

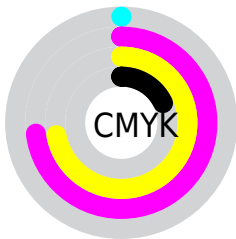
Distribution



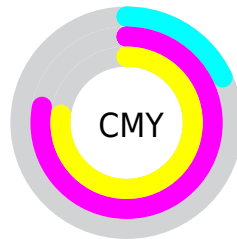
- Red (82%)
- Green (22%)
- Blue (23%)



- Red (82%)
- Yellow (22%)
- Blue (23%)



- Cyan (0%)
- Magenta (73%)
- Yellow (72%)
- Black (18%)



- Cyan (18%)
- Magenta (78%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.8523, 52.9155, 20.2898 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 40.8523, 52.9155, 20.2898 by changing the saturation by 10% instead.

40.8523, 52.9155,
20.2898

40.8523, 52.9155,
20.2898

152.7678, 67.7159,
42.5895

31.6446, 50.8073,
17.2576

61.4753, 56.8831,
25.8437

23.2553, 48.7004,
13.9878

72.7920, 58.7188,
28.4360

15.7754, 46.7801,
11.0428

84.7287, 60.4518,
30.9384

9.3324, 45.6620,
6.5327

97.2547, 62.0853,
33.3682

0.0000, INF, NaN

0.0000, INF, NaN

110.3436, 63.6237,
35.7387

0.0000, NaN, NaN

123.9721, 65.0717,

0.0000, NaN, NaN

38.0604

0.0000, NaN, NaN

138.1197, 66.4343,
40.3418

■ 40.8523, 52.9155,
20.2898

■ 40.8523, 52.9155,
20.2898

■ 38.6002, 58.4091,
22.0721

■ 44.0563, 45.8268,
18.0899

■ 37.3024, 61.7846,
23.2409

■ 48.1258, 37.8391,
15.6952

■ 36.8255, 63.0809,
23.6704

■ 52.9465, 29.5201,
13.2850

■ 58.4007, 21.2409,
10.9675

■ 64.3835, 13.1959,
8.7931

■ 70.8082, 5.4616,
6.7749

■ 77.6049, -1.9523,
4.9069

■ 84.7184, -9.0682,
3.1739

■ 92.1051, -15.9215,
1.5586

Harmonies

Analogous

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



40.8535, 63.9984, 2.8275



40.8523, 52.9155, 20.2898



40.8535, 26.5423, 26.1278

Triad

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



40.8535, 52.9113, 20.2905



40.8535, -38.3935, 19.7931



40.8535, -1.5405, -84.7619

Complementary

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



40.8523, 52.9155, 20.2898



71.3773, -35.6431, -5.6818

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.



40.8535, -24.6640, -68.8367



40.8523, 52.9155, 20.2898



40.8535, -42.2952, 1.6107

Square

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



40.8535, 52.9113, 20.2905



40.8535, -25.5117, 26.0002



40.8535, -38.0013, -32.0077



40.8535, 27.9448, -67.3900

Rectangle

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



40.8523, 52.9155, 20.2898



40.8535, 6.5729, 27.1242



40.8535, -38.0013, -32.0077



40.8535, -10.2566, -83.0609

Sweetspot

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



40.8535, 52.9113, 20.2905



81.3718, 15.5904, 10.7641



45.4082, 71.8865, -49.5232



36.6614, 8.4697, 5.3142

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.8535, 52.9113, 20.2905



47.2567, 75.9504, 28.5957



54.5841, 18.8855, 29.8996



34.3667, 1.2246, 2.8347



28.9181, 49.5398, 18.5577



6.8445, 11.7385, 4.2911

Inverse Universe

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



40.8535, 52.9113, 20.2905



47.2567, 75.9504, 28.5957



47.7365, -1.9791, -45.5401



34.3667, 1.2246, 2.8347



28.9181, 49.5398, 18.5577



6.8445, 11.7385, 4.2911

Previews

White Background



This preview shows how the HunterLab color 40.8523, 52.9155, 20.2898 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 40.8523, 52.9155, 20.2898 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 40.8523, 52.9155, 20.2898 Background



This preview shows how black text looks on a background with the HunterLab color 40.8523, 52.9155, 20.2898.



This preview shows how white text looks on a background with the HunterLab color 40.8523, 52.9155,

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

40.8523, 52.9155, 20.2898

Protanopia

41.0728, -3.6260, 14.8408

Deuteranopia

41.1215, 2.6049, 21.1950



Tritanopia

40.8523, 52.9155, 20.2898

Trichromacy



Original Color

40.8523, 52.9155, 20.2898

Protanomaly

39.0541, 16.5278, 15.3042

Deuteranomaly

39.5819, 20.9330, 19.8902

Tritanomaly

40.8523, 52.9155, 20.2898

Monochromacy



Original Color

40.8523, 52.9155, 20.2898

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

35.8212, 16.6072, 7.7914

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.8523, 52.9155, 20.2898 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(209, 56, 58)` looks like.

```
.text, #text, p{  
    color:rgb(209, 56, 58)  
}
```

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(209, 56, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 56, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 40.8523, 52.9155, 20.2898 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(209, 56, 58) }
```


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

```
.border{ border-color:rgb(209, 56, 58) }
```

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

Here you see how a box with a 4 pixel rgb(209, 56, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 56, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 56, 58);  
box-shadow:4px 4px 4px 4px rgb(209, 56,  
58) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.8523, 52.9155, 20.2898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 56, 58) }
```

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

```
.background{ background-color: rgb(209, 56,  
58) }
```

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