

Converting Colors

HunterLab(40.8244, 56.1377,
21.5900)

Have a look what the booklet for
HunterLab(40.8244, 56.1377,
21.5900) contains.

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Color

**HunterLab(40.8244, 56.1377,
21.5900)**

Conversions

Conversions Part 1

Format	Color
Hex	D53233
RGB	213, 50, 51
RGB Percent	84%, 20%, 20%
CMY	0.1647, 0.8039, 0.8000
CMYK	0.00, 0.77, 0.76, 0.16
HSL	360°, 66%, 52%
HSV	360°, 77%, 84%
XYZ	29.1787, 16.6663, 4.8110
YIQ	98.8510, 96.8270, 34.8670

Conversions

Conversions Part 2

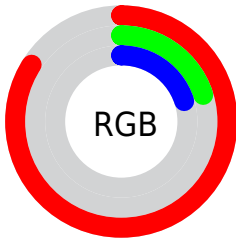
Format	Color
RYB	213, 50, 51
Decimal	13972019
CIELab	47.84, 62.13, 39.36
CIElCh	48, 73.551, 32.352
Yxy	16.6673, 0.5760, 0.3290
Android (android.graphics.Color)	4292162099 (0xFFD53233)
YUV	98.8510, -23.5905, 100.1087
Hunter-Lab	40.8244, 56.1377, 21.5900

Details

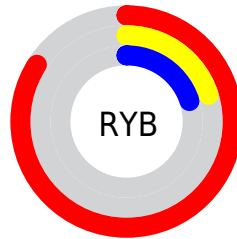
The HunterLab color **40.8244, 56.1377, 21.5900** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **72.8152, -36.7363, -6.4985**, and the grayscale version is **35.3295, -1.8851, 1.9195**.

A 20% lighter version of the original color is **57.7007, 50.6713, 24.5684**, and **25.4939, 43.7192, 16.0071** is the 20% darker color. If you saturate the color by 10%, you get **38.8634, 61.0753, 23.1601**, and if you desaturate by 10%, it is **43.7750, 49.3483, 19.4943**.

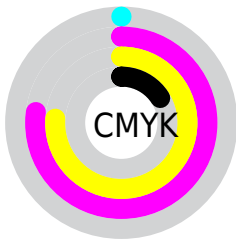
Distribution



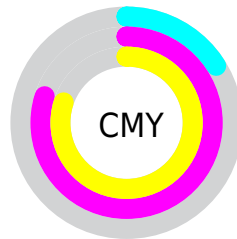
- Red (84%)
- Green (20%)
- Blue (20%)



- Red (84%)
- Yellow (20%)
- Blue (20%)



- Cyan (0%)
- Magenta (77%)
- Yellow (76%)
- Black (16%)



- Cyan (16%)
- Magenta (80%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.8244, 56.1377, 21.5900 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 40.8244, 56.1377, 21.5900 by changing the saturation by 10% instead.

40.8244, 56.1377,
21.5900

40.8244, 56.1377,
21.5900

152.7246, 71.7197,
46.0135

31.6190, 53.9679,
18.2327

61.4434, 60.2648,
27.7243

23.2322, 51.8287,
14.7213

72.7582, 62.1880,
30.5770

15.7551, 49.9388,
11.0286

84.6931, 64.0105,
33.3233

9.3152, 49.0138,
6.5206

97.2175, 65.7341,
35.9829

0.0000, INF, NaN

0.0000, INF, NaN

110.3048, 67.3624,
38.5707

0.0000, NaN, NaN

123.9318, 68.8998,

0.0000, NaN, NaN

41.0990

0.0000, NaN, NaN

138.0778, 70.3507,
43.5773

■ 40.8244, 56.1377,
21.5900

■ 40.8244, 56.1377,
21.5900

■ 38.8634, 61.0753,
23.1601

■ 43.7750, 49.3483,
19.4943

■ 37.8496, 63.7761,
24.0498


■ 47.6479, 41.4095,
17.1000

■ 37.6150, 64.4243,
24.2476


■ 52.3331, 32.9618,
14.6147


■ 57.7078, 24.4564,
12.1771

■ 63.6589, 16.1465,
9.8605

 70.0910, 8.1434,
7.6921

 76.9267, 0.4743,
5.6731

 84.1046, -6.8764,
3.7919

 91.5762, -13.9429,
2.0323

Harmonies

Analogous

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



40.8256, 69.4565, 4.3318



40.8244, 56.1377, 21.5900



40.8256, 26.9224, 26.7872

Triad

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



40.8256, 56.1333, 21.5907



40.8256, -40.6511, 19.9233



40.8256, 0.1241, -93.6627

Complementary

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



40.8244, 56.1377, 21.5900



72.8152, -36.7363, -6.4985

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.



40.8256, -24.8897, -77.7526



40.8244, 56.1377, 21.5900



40.8256, -44.1745, -0.0062

Square

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



40.8256, 56.1333, 21.5907



40.8256, -27.8540, 26.4013



40.8256, -39.3041, -37.3673



40.8256, 31.9957, -72.3512

Rectangle

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



40.8244, 56.1377, 21.5900



40.8256, 5.4774, 27.6050



40.8256, -39.3041, -37.3673



40.8256, -9.3126, -92.4832

Sweetspot

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



40.8256, 56.1333, 21.5907



80.5703, 16.5284, 11.1949



45.6394, 75.8327, -52.3282



35.9766, 9.3276, 5.6393

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.8256, 56.1333, 21.5907



46.7245, 77.3094, 29.1931



54.7919, 20.8694, 30.8610



35.2449, 1.2553, 2.9383



29.3996, 50.3554, 18.9375



7.2233, 12.3781, 4.6058

Inverse Universe

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



40.8256, 56.1333, 21.5907



46.7245, 77.3094, 29.1931



47.5334, -1.0108, -49.2479



35.2449, 1.2553, 2.9383



29.3996, 50.3554, 18.9375



7.2233, 12.3781, 4.6058

Previews

White Background



This preview shows how the HunterLab color 40.8244, 56.1377, 21.5900 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 40.8244, 56.1377, 21.5900 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 40.8244, 56.1377, 21.5900 Background



This preview shows how black text looks on a background with the HunterLab color 40.8244, 56.1377, 21.5900.



This preview shows how white text looks on a background with the HunterLab color 40.8244, 56.1377,

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

40.8244, 56.1377, 21.5900

Protanopia

41.0482, -3.9444, 16.6142

Deuteranopia

41.1462, 2.5213, 22.5056



Tritanopia

40.8244, 56.1377, 21.5900

Trichromacy



Original Color

40.8244, 56.1377, 21.5900

Protanomaly

38.7562, 17.7099, 16.7711

Deuteranomaly

39.3524, 22.2729, 21.0486

Tritanomaly

40.8244, 56.1377, 21.5900

Monochromacy



Original Color

40.8244, 56.1377, 21.5900

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

34.7412, 17.7147, 8.0942

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.8244, 56.1377, 21.5900 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(213, 50, 51)` looks like.

```
.text, #text, p{  
    color:rgb(213, 50, 51)  
}
```

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(213, 50, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 50, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 40.8244, 56.1377, 21.5900 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(213, 50, 51) }
```


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

```
.border{ border-color:rgb(213, 50, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 50, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 50, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 50, 51);  
box-shadow:4px 4px 4px 4px rgb(213, 50,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.8244, 56.1377, 21.5900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 50, 51) }
```

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

```
.background{ background-color: rgb(213, 50,  
51) }
```

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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