

Converting Colors

HunterLab(42.4851, 59.5200,
22.8503)

Have a look what the booklet for
HunterLab(42.4851, 59.5200,
22.8503) contains.

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Color

**HunterLab(42.4851, 59.5200,
22.8503)**

Conversions

Conversions Part 1

Format	Color
Hex	DE3233
RGB	222, 50, 51
RGB Percent	87%, 20%, 20%
CMY	0.1294, 0.8039, 0.8000
CMYK	0.00, 0.77, 0.77, 0.13
HSL	360°, 72%, 53%
HSV	360°, 77%, 87%
XYZ	31.8624, 18.0498, 4.9366
YIQ	101.5420, 102.1910, 36.7750

Conversions

Conversions Part 2

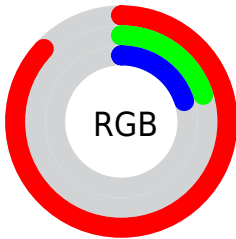
Format	Color
RYB	222, 50, 51
Decimal	14561843
CIELab	49.56, 64.76, 41.71
CIELCh	50, 77.032, 32.786
Yxy	18.0509, 0.5809, 0.3291
Android (android.graphics.Color)	4292751923 (0xFFDE3233)
YUV	101.5420, -24.9172, 105.6417
Hunter-Lab	42.4851, 59.5200, 22.8503

Details

The HunterLab color **42.4851, 59.5200, 22.8503** 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 **76.2508, -38.6533, -6.8889**, and the grayscale version is **36.3449, -1.9393, 1.9747**.

A 20% lighter version of the original color is **57.8884, 50.1855, 24.7141**, and **26.9897, 46.2775, 16.9995** is the 20% darker color. If you saturate the color by 10%, you get **40.5457, 64.4452, 24.4194**, and if you desaturate by 10%, it is **45.4686, 52.5728, 20.7019**.

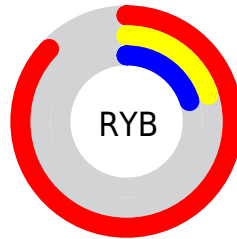
Distribution



Red (87%)

Green (20%)

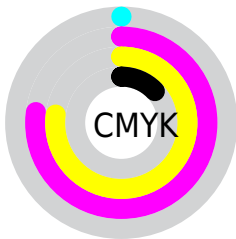
Blue (20%)



Red (87%)

Yellow (20%)

Blue (20%)

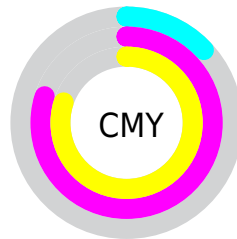


Cyan (0%)

Magenta (77%)

Yellow (77%)

Black (13%)



Cyan (13%)

Magenta (80%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 42.4851, 59.5200, 22.8503 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 42.4851, 59.5200, 22.8503 by changing the saturation by 10% instead.


 42.4851, 59.5200,
22.8503


 42.4851, 59.5200,
22.8503


155.2926, 75.6571,
48.3315


 33.1460, 57.3025,
19.3525


 63.3436, 63.7570,
29.2535


 24.6126, 55.1214,
15.6713

 74.7674, 65.7406,
32.2328

 16.9713, 53.1865,
11.8799


 86.8058, 67.6254,
35.1006

 10.3419, 52.1465,
7.2393

 99.4288, 69.4126,
37.8767

0.0000, INF, NaN

0.0000, INF, NaN

 112.6105, 71.1053,
40.5766

0.0000, NaN, NaN

 126.3281, 72.7075,

0.0000, NaN, NaN

43.2127

0.0000, NaN, NaN

140.5615, 74.2234,
45.7949

■ 42.4851, 59.5200,
22.8503

■ 42.4851, 59.5200,
22.8503

■ 40.5457, 64.4452,
24.4194

■ 45.4686, 52.5728,
20.7019

■ 39.5808, 67.0299,
25.2681

■ 49.4344, 44.3317,
18.2107


■ 39.4110, 67.4997,
25.4116


■ 54.2695, 35.4893,
15.6017


■ 59.8444, 26.5462,
13.0301

■ 66.0380, 17.7895,
10.5798

 72.7474, 9.3491,
8.2836

 79.8891, 1.2604,
6.1450

 87.3969, -6.4902,
4.1527

 95.2184, -13.9375,
2.2899

Harmonies

Analogous

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



42.4864, 74.0984, 4.9494



42.4851, 59.5200, 22.8503



42.4864, 28.1896, 28.0639

Triad

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



42.4864, 59.5153, 22.8510



42.4864, -43.0116, 20.7952



42.4864, 0.6346, -100.4773

Complementary

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



42.4851, 59.5200, 22.8503



76.2508, -38.6533, -6.8889

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.



42.4864, -26.0065, -83.8890



42.4851, 59.5200, 22.8503



42.4864, -46.5725, -0.5047

Square

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



42.4864, 59.5153, 22.8510



42.4864, -29.7108, 27.6043



42.4864, -41.3380, -40.6390



42.4864, 34.5968, -77.0013

Rectangle

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



42.4851, 59.5200, 22.8503



42.4864, 5.3894, 28.8603



42.4864, -41.3380, -40.6390



42.4864, -9.4211, -99.4137

Sweetspot

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



42.4864, 59.5153, 22.8510



80.5697, 16.5255, 11.2026



47.5784, 80.2349, -55.3956



35.9764, 9.3261, 5.6433

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.4864, 59.5153, 22.8510



46.6214, 77.5848, 29.2906



57.0731, 22.4311, 32.4244



37.0160, 1.3372, 3.0937



30.3751, 52.0256, 19.5712



7.9999, 13.7077, 5.1103

Inverse Universe

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



42.4864, 59.5153, 22.8510



46.6214, 77.5848, 29.2906



49.3770, -0.6787, -52.5668



37.0160, 1.3372, 3.0937



30.3751, 52.0256, 19.5712



7.9999, 13.7077, 5.1103

Previews

White Background



This preview shows how the HunterLab color 42.4851, 59.5200, 22.8503 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 42.4851, 59.5200, 22.8503 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 42.4851, 59.5200, 22.8503 Background



This preview shows how black text looks on a background with the HunterLab color 42.4851, 59.5200, 22.8503.



This preview shows how white text looks on a background with the HunterLab color 42.4851, 59.5200,

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

42.4851, 59.5200, 22.8503

Protanopia

42.9038, -4.4683, 17.8864

Deuteranopia

42.7154, 2.4212, 23.8182



Tritanopia

42.4851, 59.5200, 22.8503

Trichromacy



Original Color

42.4851, 59.5200, 22.8503

Protanomaly

40.2021, 18.5913, 17.9443

Deuteranomaly

40.7440, 24.0790, 22.2020

Tritanomaly

42.4851, 59.5200, 22.8503

Monochromacy



Original Color

42.4851, 59.5200, 22.8503

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

35.9472, 19.0679, 8.9866

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.4851, 59.5200, 22.8503 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(222, 50, 51)` looks like.

```
.text, #text, p{  
    color:rgb(222, 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(222, 50, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 50, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 42.4851, 59.5200, 22.8503 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(222, 50, 51) }
```


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

```
.border{ border-color:rgb(222, 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(222, 50, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 50, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 50, 51);  
box-shadow:4px 4px 4px 4px rgb(222, 50,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.4851, 59.5200, 22.8503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 50, 51) }
```

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

```
.background{ background-color: rgb(222, 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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