

Converting Colors

HunterLab(42.4665, 51.4057,
20.2955)

Have a look what the booklet for
HunterLab(42.4665, 51.4057,
20.2955) contains.

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Color

**HunterLab(42.4665, 51.4057,
20.2955)**

Conversions

Conversions Part 1

Format	Color
Hex	D44040
RGB	212, 64, 64
RGB Percent	83%, 25%, 25%
CMY	0.1686, 0.7490, 0.7490
CMYK	0.00, 0.70, 0.70, 0.17
HSL	0°, 63%, 54%
HSV	0°, 70%, 83%
XYZ	29.9102, 18.0340, 6.7550
YIQ	108.2520, 88.2080, 31.3760

Conversions

Conversions Part 2

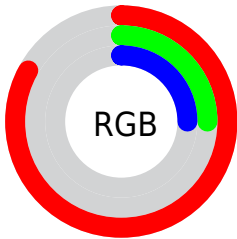
Format	Color
R_{YB}	212, 64, 64
Decimal	13910080
CIE Lab	49.54, 57.60, 33.82
CIE LCh	50, 66.796, 30.421
Yxy	18.0351, 0.5468, 0.3297
Android (android.graphics.Color)	4292100160 (0xFFD44040)
YUV	108.2520, -21.8162, 90.9870
Hunter-Lab	42.4665, 51.4057, 20.2955

Details

The HunterLab color **42.4665, 51.4057, 20.2955** 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 **72.7499, -35.2062, -6.5511**, and the grayscale version is **38.8793, -2.0745, 2.1124**.

A 20% lighter version of the original color is **60.0871, 46.3586, 22.7111**, and **25.5699, 44.0009, 14.8813** is the 20% darker color. If you saturate the color by 10%, you get **39.8548, 57.6332, 22.1957**, and if you desaturate by 10%, it is **46.0282, 43.7961, 18.0046**.

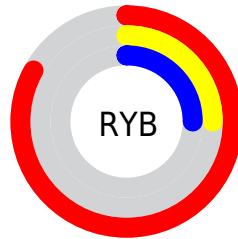
Distribution



Red (83%)

Green (25%)

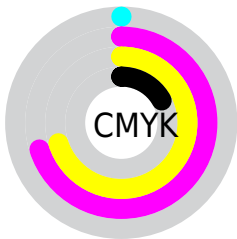
Blue (25%)



Red (83%)

Yellow (25%)

Blue (25%)

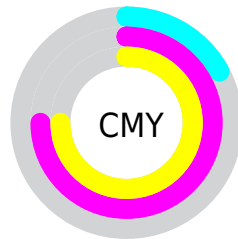


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (17%)



Cyan (17%)

Magenta (75%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.4665, 51.4057, 20.2955 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 42.4665, 51.4057, 20.2955 by changing the saturation by 10% instead.

■ 42.4665, 51.4057,
20.2955

■ 42.4665, 51.4057,
20.2955

■ 155.2639, 65.6029,
41.7942

■ 33.1288, 49.3467,
17.4034

■ 63.3223, 55.2438,
25.6145

■ 24.5971, 47.2590,
14.2892

■ 74.7449, 57.0098,
28.1064

■ 16.9576, 45.2815,
11.8703

■ 86.7821, 58.6730,
30.5168

■ 10.3302, 43.8667,
7.2312

■ 99.4040, 60.2371,
32.8617

0.0000, INF, NaN

0.0000, INF, NaN

■ 112.5846, 61.7073,
35.1532

0.0000, NaN, NaN

■ 126.3013, 63.0884,

0.0000, NaN, NaN

37.4009

0.0000, NaN, NaN

140.5337, 64.3854,
39.6125

■ 42.4665, 51.4057,
20.2955

■ 42.4665, 51.4057,
20.2955

■ 39.8548, 57.6332,
22.1957

■ 46.0282, 43.7961,
18.0046

■ 38.2263, 61.8521,
23.4914

■ 50.4363, 35.4987,
15.5420


■ 37.4257, 64.0333,
24.1643


■ 55.5705, 27.0266,
13.0731


■ 37.4129, 64.0688,
24.1753


■ 61.3137, 18.6908,
10.6937

■ 67.5648, 10.6402,
8.4465

 74.2409, 2.9231,
6.3416

 81.2762, -4.4663,
4.3724

 88.6184, -11.5585,
2.5250

 96.2264, -18.3922,
0.7833

Harmonies

Analogous

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



42.4677, 61.8759, 2.6673



42.4665, 51.4057, 20.2955



42.4677, 26.0195, 26.5820

Triad

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



42.4677, 51.4016, 20.2963



42.4677, -38.2029, 19.9892



42.4677, -1.8920, -80.7063

Complementary

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



42.4665, 51.4057, 20.2955



72.7499, -35.2062, -6.5511

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.



42.4677, -24.6668, -65.4326



42.4665, 51.4057, 20.2955



42.4677, -42.2442, 1.9528

Square

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



42.4677, 51.4016, 20.2963



42.4677, -25.1725, 26.4969



42.4677, -37.9654, -30.4102



42.4677, 26.8329, -64.6159

Rectangle

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



42.4665, 51.4057, 20.2955



42.4677, 6.5757, 27.7378



42.4677, -37.9654, -30.4102



42.4677, -10.4429, -79.0023

Sweetspot

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



42.4677, 51.4016, 20.2963



82.1482, 14.4891, 10.7900



47.3469, 71.2181, -47.5769



36.9946, 7.9730, 5.3446

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.4677, 51.4016, 20.2963



47.9497, 74.0152, 28.2707



57.0475, 16.4557, 30.3992



35.2434, 1.2458, 2.9629



29.3961, 50.3397, 18.9950



7.2198, 12.3619, 4.6652

Inverse Universe

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



72.7499, -35.2062, -6.5511



88.9937, -45.9993, -8.9981



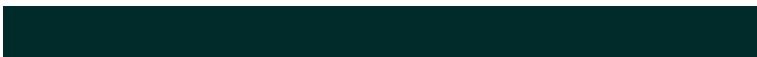
49.0107, -1.6861, -45.1802



37.5603, -4.9375, 1.0573



56.5683, -29.9874, -5.9712



13.8928, -7.3648, -1.4663

Previews

White Background



This preview shows how the HunterLab color 42.4665, 51.4057, 20.2955 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 42.4665, 51.4057, 20.2955 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 42.4665, 51.4057, 20.2955 Background



This preview shows how black text looks on a background with the HunterLab color 42.4665, 51.4057, 20.2955.



This preview shows how white text looks on a background with the HunterLab color 42.4665, 51.4057,

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

42.4665, 51.4057, 20.2955

Protanopia

42.6452, -3.5529, 14.5544

Deuteranopia

42.6580, 2.5462, 21.3066



Tritanopia

42.5077, 51.5796, 19.6894

Trichromacy



Original Color

42.4665, 51.4057, 20.2955

Protanomaly

40.7947, 16.1437, 15.2158

Deuteranomaly

41.2746, 20.4626, 20.0413

Tritanomaly

42.4937, 51.5206, 19.8949

Monochromacy



Original Color

42.4665, 51.4057, 20.2955

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

38.1287, 15.7301, 8.0255

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.4665, 51.4057, 20.2955 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(212, 64, 64)` looks like.

```
.text, #text, p{  
    color:rgb(212, 64, 64)  
}
```

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(212, 64, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 64, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 42.4665, 51.4057, 20.2955 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(212, 64, 64) }
```


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

```
.border{ border-color:rgb(212, 64, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 64, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 64, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 64, 64);  
box-shadow:4px 4px 4px 4px rgb(212, 64,  
64) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.4665, 51.4057, 20.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 64, 64) }
```

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

```
.background{ background-color: rgb(212, 64,  
64) }
```

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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