

Converting Colors

HunterLab(40.6864, 49.2987,
19.1912)

Have a look what the booklet for
HunterLab(40.6864, 49.2987,
19.1912) contains.

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Color

**HunterLab(40.6481, 49.3650,
19.2638)**

Conversions

Conversions Part 1

Format	Color
Hex	CC3D3E
RGB	204, 61, 62
RGB Percent	80%, 24%, 24%
CMY	0.2000, 0.7607, 0.7569
CMYK	0.00, 0.70, 0.70, 0.20
HSL	360°, 58%, 52%
HSV	360°, 70%, 80%
XYZ	27.4401, 16.5227, 6.3004
YIQ	103.8710, 84.9070, 30.6270

Conversions

Conversions Part 2

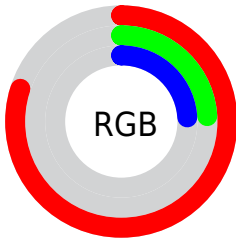
Format	Color
RYB	204, 61, 62
Decimal	13385022
CIELab	47.65, 56.09, 32.39
CIElCh	48, 64.771, 30.005
Yxy	16.5236, 0.5459, 0.3287
Android (android.graphics.Color)	4291575102 (0xFFCC3D3E)
YUV	103.8710, -20.6424, 87.8131
Hunter-Lab	40.6481, 49.3650, 19.2638

Details

The HunterLab color **40.6481, 49.3650, 19.2638** 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 **69.6349, -33.9416, -5.7964**, and the grayscale version is **37.2124, -1.9856, 2.0218**.

A 20% lighter version of the original color is **59.2523, 48.1880, 22.5934**, and **24.0786, 41.4306, 14.0454** is the 20% darker color. If you saturate the color by 10%, you get **38.1597, 55.2830, 21.1157**, and if you desaturate by 10%, it is **44.0413, 42.1168, 17.0591**.

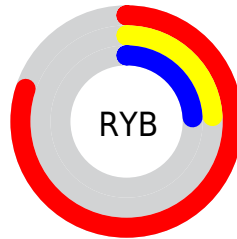
Distribution



Red (80%)

Green (24%)

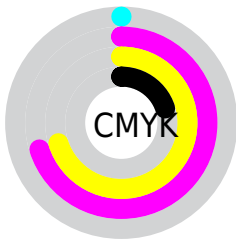
Blue (24%)



Red (80%)

Yellow (24%)

Blue (24%)

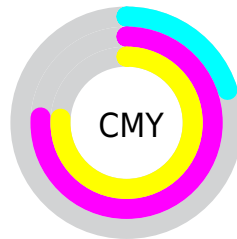


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (20%)



Cyan (20%)

Magenta (76%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.6481, 49.3650, 19.2638 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 40.6481, 49.3650, 19.2638 by changing the saturation by 10% instead.

40.6481, 49.3650,
19.2638

40.6481, 49.3650,
19.2638

152.4507, 63.2943,
40.1634

31.4570, 47.3314,
16.4466

61.2413, 53.1505,
24.4354

23.0861, 45.2725,
13.4053

72.5443, 54.8881,
26.8563

15.6268, 43.3443,
10.9388

84.4681, 56.5216,
29.1981

9.2052, 42.1011,
6.4437

96.9819, 58.0553,
31.4765

0.0000, INF, NaN

0.0000, INF, NaN

110.0591, 59.4943,
33.7037

0.0000, NaN, NaN

123.6763, 60.8438,

0.0000, NaN, NaN

35.8891

0.0000, NaN, NaN

137.8130, 62.1089,
38.0403

■ 40.6481, 49.3650,
19.2638

■ 40.6481, 49.3650,
19.2638

■ 38.1597, 55.2830,
21.1157

■ 44.0413, 42.1168,
17.0591

■ 36.6074, 59.2794,
22.4076

■ 48.2414, 34.1985,
14.7094

■ 35.8335, 61.3746,
23.0877

■ 53.1342, 26.1006,
12.3698

■ 58.6084, 18.1225,
10.1286

■ 64.5678, 10.4093,
8.0238

■ 70.9334, 3.0092,
6.0630

■ 77.6422, -4.0815,
4.2383

■ 84.6445, -10.8907,
2.5352

■ 91.9008, -17.4546,
0.9375

Harmonies

Analogous

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



40.6493, 59.1083, 2.2168



40.6481, 49.3650, 19.2638



40.6493, 25.2411, 25.3886

Triad

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



40.6493, 49.3611, 19.2645



40.6493, -36.4126, 19.2610



40.6493, -2.1668, -77.0646

Complementary

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



40.6481, 49.3650, 19.2638



69.6349, -33.9416, -5.7964

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.



40.6493, -23.8201, -62.0987



40.6481, 49.3650, 19.2638



40.6493, -40.3902, 2.2085

Square

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



40.6493, 49.3611, 19.2645



40.6493, -23.8259, 25.3876



40.6493, -36.4098, -28.5539



40.6493, 25.2505, -62.0893

Rectangle

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



40.6481, 49.3650, 19.2638



40.6493, 6.6580, 26.5272



40.6493, -36.4098, -28.5539



40.6493, -10.3056, -75.2915

Sweetspot

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



40.6493, 49.3611, 19.2645



82.1579, 14.5470, 10.6358



44.9458, 67.5805, -46.4795



36.9996, 8.0025, 5.2653

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.6493, 49.3611, 19.2645



47.9597, 74.0609, 28.1080



54.0111, 16.9975, 28.7310



33.4887, 1.1750, 2.7824



28.4298, 48.6957, 18.3020



6.4608, 11.0733, 4.1051

Inverse Universe

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



40.6493, 49.3611, 19.2645



47.9597, 74.0609, 28.1080



47.5906, -2.7461, -41.8930



33.4887, 1.1750, 2.7824



28.4298, 48.6957, 18.3020



6.4608, 11.0733, 4.1051

Previews

White Background



This preview shows how the HunterLab color 40.6481, 49.3650, 19.2638 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 40.6481, 49.3650, 19.2638 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 40.6481, 49.3650, 19.2638 Background



This preview shows how black text looks on a background with the HunterLab color 40.6481, 49.3650, 19.2638.



This preview shows how white text looks on a background with the HunterLab color 40.6481, 49.3650,

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

40.6481, 49.3650, 19.2638

Protanopia

41.0362, -3.6477, 13.9751

Deuteranopia

40.7025, 2.6381, 20.0430



Tritanopia

40.6756, 49.4807, 18.8601

Trichromacy



Original Color

40.6481, 49.3650, 19.2638

Protanomaly

39.1845, 14.6864, 14.5997

Deuteranomaly

39.4514, 19.5684, 18.8349

Tritanomaly

40.6617, 49.4223, 19.0637

Monochromacy



Original Color

40.6481, 49.3650, 19.2638

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

36.4365, 15.1488, 7.3381

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.6481, 49.3650, 19.2638 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(204, 61, 62)` looks like.

```
.text, #text, p{  
    color:rgb(204, 61, 62)  
}
```

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(204, 61, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 61, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 40.6481, 49.3650, 19.2638 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(204, 61, 62) }
```


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

```
.border{ border-color:rgb(204, 61, 62) }
```

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

Here you see how a box with a 4 pixel rgb(204, 61, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 61, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 61, 62);  
box-shadow:4px 4px 4px 4px rgb(204, 61,  
62) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.6481, 49.3650, 19.2638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 61, 62) }
```

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

```
.background{ background-color: rgb(204, 61,  
62) }
```

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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