

Converting Colors

HunterLab(40.5203, 60.2817,
13.4484)

Have a look what the booklet for
HunterLab(40.5203, 60.2817,
13.4484) contains.

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Color

**HunterLab(40.4731, 59.9606,
13.3990)**

Conversions

Conversions Part 1

Format	Color
Hex	D42B55
RGB	212, 43, 85
RGB Percent	83%, 17%, 33%
CMY	0.1686, 0.8313, 0.6667
CMYK	0.00, 0.80, 0.60, 0.17
HSL	345°, 66%, 50%
HSV	345°, 80%, 83%
XYZ	29.6550, 16.3807, 10.1931
YIQ	98.3190, 87.2420, 48.8900

Conversions

Conversions Part 2

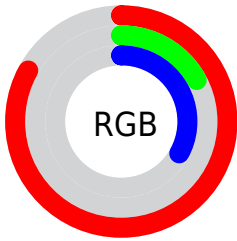
Format	Color
RYB	212, 43, 85
Decimal	13904725
CIELab	47.47, 65.54, 18.62
CIElCh	47, 68.134, 15.860
Yxy	16.3817, 0.5274, 0.2913
Android (android.graphics.Color)	4292094805 (0xFFD42B55)
YUV	98.3190, -6.5663, 99.6982
Hunter-Lab	40.4731, 59.9606, 13.3990

Details

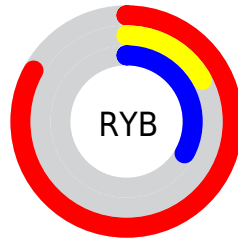
The HunterLab color **40.4731, 59.9606, 13.3990** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **71.0658, -44.4982, 11.2772**, and the grayscale version is **35.0714, -1.8713, 1.9055**.

A 20% lighter version of the original color is **57.6969, 55.8749, 13.3537**, and **25.7762, 44.7636, 11.8415** is the 20% darker color. If you saturate the color by 10%, you get **38.7224, 63.6635, 16.3375**, and if you desaturate by 10%, it is **43.1582, 54.1040, 10.6508**.

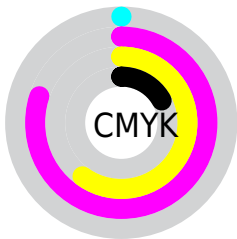
Distribution



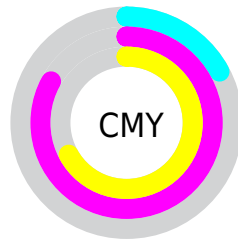
- Red (83%)
- Green (17%)
- Blue (33%)



- Red (83%)
- Yellow (17%)
- Blue (33%)



- Cyan (0%)
- Magenta (80%)
- Yellow (60%)
- Black (17%)



- Cyan (17%)
- Magenta (83%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4731, 59.9606, 13.3990 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 40.4731, 59.9606, 13.3990 by changing the saturation by 10% instead.

40.4731, 59.9606,
13.3990

40.4731, 59.9606,
13.3990

152.1787, 76.4665,
27.5978

31.2964, 57.7274,
11.6393

61.0406, 64.2703,
16.7242

22.9413, 55.5686,
9.7716

72.3320, 66.2966,
18.3246

15.4997, 53.7563,
7.7735

84.2448, 68.2252,
19.8993

9.0946, 53.2305,
6.3662

96.7480, 70.0560,
21.4559

0.0000, INF, NaN

0.0000, INF, NaN

109.8151, 71.7916,
23.0002

0.0000, NaN, NaN

123.4227, 73.4359,

0.0000, NaN, NaN

24.5364

0.0000, NaN, NaN

137.5500, 74.9928,
26.0681

■ 40.4731, 59.9606,
13.3990

■ 40.4731, 59.9606,
13.3990

■ 38.7224, 63.6635,
16.3375

■ 43.1582, 54.1040,
10.6508

■ 37.7738, 65.2818,
19.1066

■ 46.7340, 46.6860,
8.3158

■ 37.7506, 65.3219,
19.1770

■ 51.1078, 38.3514,
6.5055

■ 56.1679, 29.6184,
5.2334

■ 61.8068, 20.8232,
4.4556

■ 67.9312, 12.1494,
4.1058

■ 74.4642, 3.6789,
4.1149

■ 81.3440, -4.5653,
4.4211

■ 88.5213, -12.5911,
4.9724

Harmonies

Analogous

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



40.4743, 60.5696, -11.6249



40.4731, 59.9606, 13.3990



40.4743, 40.1224, 23.9087

Triad

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



40.4743, 59.9564, 13.3999



40.4743, -32.7914, 23.5841



40.4743, -13.9481, -79.4452

Complementary

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



40.4731, 59.9606, 13.3990



71.0658, -44.4982, 11.2772

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.



40.4743, -32.0524, -50.8003



40.4731, 59.9606, 13.3990



40.4743, -40.8642, 12.4043

Square

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



40.4743, 59.9564, 13.3999



40.4743, -15.2498, 26.6460



40.4743, -40.6344, -13.5324



40.4743, 12.8348, -78.4732

Rectangle

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



40.4731, 59.9606, 13.3990



40.4743, 21.0298, 26.2278



40.4743, -40.6344, -13.5324



40.4743, -21.0792, -72.4291

Sweetspot

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



40.4743, 59.9564, 13.3999



80.2236, 19.8033, 5.1962



38.7309, 67.1288, -70.3093



35.8696, 10.9480, 2.4863

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.4743, 59.9564, 13.3999



46.8366, 79.9660, 22.7093



45.5079, 41.3933, 25.7869



35.3142, 1.6284, 1.9488



29.6842, 51.4091, 14.7314



7.3812, 12.9607, 2.2876

Inverse Universe

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



40.4743, 59.9564, 13.3999



46.8366, 79.9660, 22.7093



58.2447, -18.5418, -27.8395



35.3142, 1.6284, 1.9488



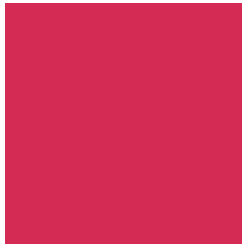
29.6842, 51.4091, 14.7314



7.3812, 12.9607, 2.2876

Previews

White Background



This preview shows how the HunterLab color 40.4731, 59.9606, 13.3990 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 40.4731, 59.9606, 13.3990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

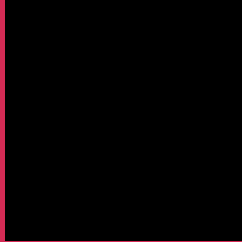
Any Text WCAG AA × Fail

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 40.4731, 59.9606, 13.3990 Background



This preview shows how black text looks on a background with the HunterLab color 40.4731, 59.9606, 13.3990.



This preview shows how white text looks on a background with the HunterLab color 40.4731, 59.9606,

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

40.4731, 59.9606, 13.3990

Protanopia

40.8314, -1.2663, 0.7002

Deuteranopia

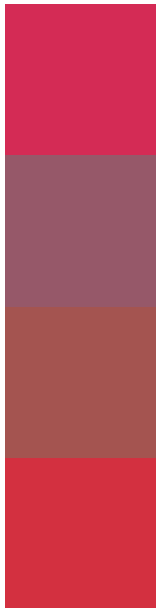
40.6143, 3.0049, 14.8292



Tritanopia

40.5764, 55.1032, 21.2205

Trichromacy



Original Color

40.4731, 59.9606, 13.3990

Protanomaly

38.0571, 20.7209, 2.9923

Deuteranomaly

38.4868, 25.0738, 12.4626

Tritanomaly

40.4140, 56.6834, 18.7793

Monochromacy



Original Color

40.4731, 59.9606, 13.3990

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

34.2463, 20.0647, 3.5246

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4731, 59.9606, 13.3990 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, 43, 85)` looks like.

```
.text, #text, p{  
    color:rgb(212, 43, 85)  
}
```

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, 43, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 43, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4731, 59.9606, 13.3990 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, 43, 85) }
```


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

```
.border{ border-color:rgb(212, 43, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 43, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 43, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 43, 85);  
box-shadow:4px 4px 4px 4px rgb(212, 43,  
85) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4731, 59.9606, 13.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 43, 85) }
```

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

```
.background{ background-color: rgb(212, 43,  
85) }
```

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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