

Converting Colors

HunterLab(40.7295, 39.8463,
14.3578)

Have a look what the booklet for
HunterLab(40.7295, 39.8463,
14.3578) contains.

HunterLab(40.8688, 39.7980, 14.5865)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(40.8688, 39.7980,
14.5865)**

Conversions

Conversions Part 1

Format	Color
Hex	BF4B51
RGB	191, 75, 81
RGB Percent	75%, 29%, 32%
CMY	0.2510, 0.7059, 0.6824
CMYK	0.00, 0.61, 0.58, 0.25
HSL	357°, 48%, 52%
HSV	357°, 61%, 75%
XYZ	25.4871, 16.7026, 9.6652
YIQ	110.3680, 67.2100, 26.4580

Conversions

Conversions Part 2

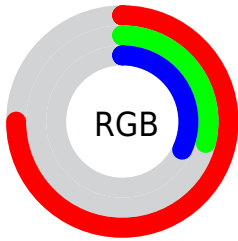
Format	Color
R_{YB}	191, 75, 81
Decimal	12536657
CIE _{Lab}	47.88, 47.07, 20.93
CIE _{LCh}	48, 51.508, 23.972
Yxy	16.7035, 0.4915, 0.3221
Android (android.graphics.Color)	4290726737 (0xFFBF4B51)
YUV	110.3680, -14.4784, 70.7143
Hunter-Lab	40.8688, 39.7980, 14.5865

Details

The HunterLab color **40.8688, 39.7980, 14.5865** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **65.0081, -30.5923, -2.3426**, and the grayscale version is **39.6649, -2.1164, 2.1551**.

A 20% lighter version of the original color is **61.4374, 43.2554, 18.2337**, and **23.2587, 36.3107, 10.5059** is the 20% darker color. If you saturate the color by 10%, you get **37.7535, 46.4088, 16.7166**, and if you desaturate by 10%, it is **44.7256, 32.5026, 12.4426**.

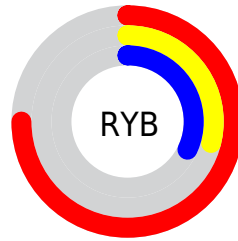
Distribution



Red (75%)

Green (29%)

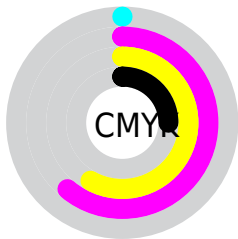
Blue (32%)



Red (75%)

Yellow (29%)

Blue (32%)

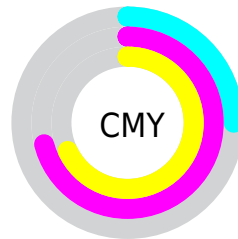


Cyan (0%)

Magenta (61%)

Yellow (58%)

Black (25%)



Cyan (25%)

Magenta (71%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.8688, 39.7980, 14.5865 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 40.8688, 39.7980, 14.5865 by changing the saturation by 10% instead.

40.8688, 39.7980,
14.5865

40.8688, 39.7980,
14.5865

152.7933, 51.0288,
29.8653

31.6596, 38.0262,
12.6576

61.4941, 42.9904,
18.2071

23.2689, 36.1655,
10.6014

72.8119, 44.4199,
19.9392

15.7874, 34.2911,
8.4499

84.7496, 45.7449,
21.6374

9.3426, 32.6960,
6.5398

97.2766, 46.9723,
23.3106

0.0000, INF, NaN

0.0000, NaN, NaN

110.3665, 48.1087,
24.9653

0.0000, NaN, NaN

123.9959, 49.1600,

0.0000, NaN, NaN

26.6068

0.0000, NaN, NaN

138.1443, 50.1318,
28.2391

■ 40.8688, 39.7980,
14.5865

■ 40.8688, 39.7980,
14.5865

■ 37.7535, 46.4088,
16.7166

■ 44.7256, 32.5026,
12.4426

■ 35.4615, 51.7558,
18.6444

■ 49.2164, 24.9914,
10.4058

■ 34.0251, 55.3005,
20.1629

■ 54.2412, 17.5457,
8.5378

■ 33.3136, 57.1154,
21.0232

■ 59.7123, 10.3093,
6.8561

■ 65.5577, 3.3356,
5.3539

■ 71.7194, -3.3722,
4.0136

■ 78.1520, -9.8345,
2.8144

■ 84.8190, -16.0815,
1.7360

■ 91.6916, -22.1446,
0.7598

Harmonies

Analogous

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



40.8699, 44.1574, -1.8561



40.8688, 39.7980, 14.5865



40.8699, 23.3138, 22.2657

Triad

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



40.8699, 39.7947, 14.5873



40.8699, -29.1310, 18.5566



40.8699, -6.1890, -54.3579

Complementary

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



40.8688, 39.7980, 14.5865



65.0081, -30.5923, -2.3426

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.



40.8699, -22.6436, -40.4591



40.8688, 39.7980, 14.5865



40.8699, -34.1268, 5.9237

Square

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



40.8699, 39.7947, 14.5873



40.8699, -16.8212, 23.6530



40.8699, -32.0066, -15.8528



40.8699, 14.8585, -48.1079

Rectangle

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



40.8688, 39.7980, 14.5865



40.8699, 9.1247, 24.2063



40.8699, -32.0066, -15.8528



40.8699, -12.3809, -51.7370

Sweetspot

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



40.8699, 39.7947, 14.5873



81.7814, 11.4822, 8.6626



43.4680, 53.3356, -39.5125



37.2688, 6.6897, 4.3499



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



40.8699, 39.7947, 14.5873



49.3457, 64.7925, 23.3004



51.3032, 15.0298, 24.1816



30.8936, 1.1129, 2.4007



27.0132, 46.3273, 16.9416



5.3721, 9.2645, 2.9714

Inverse Universe

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



40.8699, 39.7947, 14.5873



49.3457, 64.7925, 23.3004



49.2237, -7.1166, -29.1629



30.8936, 1.1129, 2.4007



27.0132, 46.3273, 16.9416



5.3721, 9.2645, 2.9714

Previews

White Background



This preview shows how the HunterLab color 40.8688, 39.7980, 14.5865 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 40.8688, 39.7980, 14.5865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

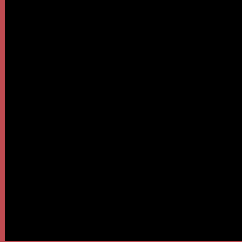
Any Text WCAG AA × Fail

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 40.8688, 39.7980, 14.5865 Background



This preview shows how black text looks on a background with the HunterLab color 40.8688, 39.7980, 14.5865.

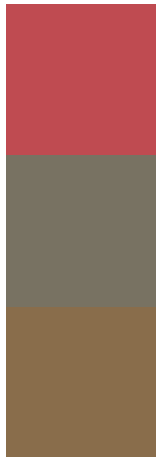


This preview shows how white text looks on a background with the HunterLab color 40.8688, 39.7980,

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

40.8688, 39.7980, 14.5865

Protanopia

41.1212, -2.6493, 8.6315

Deuteranopia

40.9434, 2.7040, 15.6371



Tritanopia

40.8506, 39.7169, 14.8521

Trichromacy



Original Color

40.8688, 39.7980, 14.5865

Protanomaly

39.9976, 11.8649, 9.8450

Deuteranomaly

40.3154, 15.8696, 14.7943

Tritanomaly

40.8506, 39.7169, 14.8521

Monochromacy



Original Color

40.8688, 39.7980, 14.5865

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

38.6513, 11.6749, 5.9135

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.8688, 39.7980, 14.5865 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(191, 75, 81)` looks like.

```
.text, #text, p{  
    color:rgb(191, 75, 81)  
}
```

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(191, 75, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 75, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 40.8688, 39.7980, 14.5865 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(191, 75, 81) }
```


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

```
.border{ border-color:rgb(191, 75, 81) }
```

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

Here you see how a box with a 4 pixel rgb(191, 75, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 75, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 75, 81);  
box-shadow:4px 4px 4px 4px rgb(191, 75,  
81) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.8688, 39.7980, 14.5865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 75, 81) }
```

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

```
.background{ background-color: rgb(191, 75,  
81) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor