

Converting Colors

HunterLab(37.5706, 80.7929,
11.1802)

Have a look what the booklet for
HunterLab(37.5706, 80.7929,
11.1802) contains.

HunterLab(40.4080, 70.7840, 13.8316)	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(40.4080, 70.7840,
13.8316)**

Conversions

Conversions Part 1

Format	Color
Hex	DF0054
RGB	223, 0, 84
RGB Percent	87%, 0%, 33%
CMY	0.1255, 0.9998, 0.6706
CMYK	0.00, 1.00, 0.62, 0.13
HSL	337°, 100%, 44%
HSV	337°, 100%, 87%
XYZ	32.0317, 16.3281, 9.8509
YIQ	76.2530, 105.9440, 73.4000

Conversions

Conversions Part 2

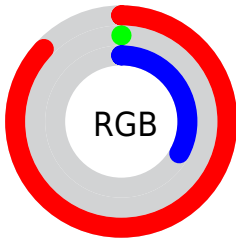
Format	Color
RYB	223, 0, 84
Decimal	14614612
CIELab	47.40, 74.66, 19.53
CIElCh	47, 77.174, 14.660
Yxy	16.3291, 0.5503, 0.2805
Android (android.graphics.Color)	4292804692 (0xFFDF0054)
YUV	76.2530, 3.8193, 128.6971
Hunter-Lab	40.4080, 70.7840, 13.8316

Details

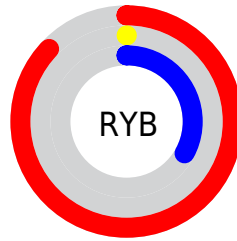
The HunterLab color **40.4080, 70.7840, 13.8316** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **73.9195, -54.3752, 24.9898**, and the grayscale version is **26.9441, -1.4377, 1.4639**.

A 20% lighter version of the original color is **55.1685, 62.6915, 11.2440**, and **27.6166, 47.8491, 13.5451** is the 20% darker color. If you saturate the color by 10%, you get **40.4073, 70.7816, 13.8402**, and if you desaturate by 10%, it is **41.4188, 69.4115, 10.2305**.

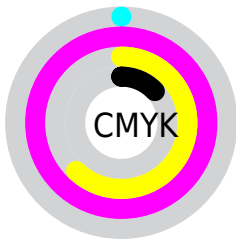
Distribution



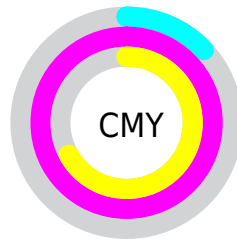
- Red (87%)
- Green (0%)
- Blue (33%)



- Red (87%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (62%)
- Black (13%)



- Cyan (13%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4080, 70.7840, 13.8316 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 40.4080, 70.7840, 13.8316 by changing the saturation by 10% instead.

40.4080, 70.7840,
13.8316

40.4080, 70.7840,
13.8316

152.0775, 89.5178,
28.4606

31.2367, 68.4340,
12.0032

60.9660, 75.4990,
17.2758

22.8874, 66.2885,
10.0579

72.2531, 77.7688,
18.9289

15.4524, 64.7631,
8.0068

84.1617, 79.9530,
20.5527

9.0531, 65.2493,
6.3372

96.6611, 82.0461,
22.1556

0.0000, INF, NaN

0.0000, INF, NaN

109.7244, 84.0471,
23.7436

0.0000, NaN, NaN

123.3283, 85.9576,

0.0000, NaN, NaN

25.3215

0.0000, NaN, NaN

137.4522, 87.7801,
26.8929

■ 40.4080, 70.7840,
13.8316

■ 40.4080, 70.7840,
13.8316

■ 40.4073, 70.7816,
13.8402

■ 41.4188, 69.4115,
10.2305

■ 43.2477, 65.7631,
6.8623

■ 46.0382, 59.7211,
4.1201

■ 49.7557, 51.8707,
2.1804

■ 54.3085, 42.9008,
1.0701

■ 59.5836, 33.3834,
0.7184

■ 65.4710, 23.7043,
1.0122

■ 71.8737, 14.0858,
1.8345

■ 78.7111, 4.6365,
3.0822

Harmonies

Analogous

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



40.4093, 70.4898, -15.3167



40.4080, 70.7840, 13.8316



40.4093, 48.0070, 24.9511

Triad

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



40.4093, 70.7792, 13.8326



40.4093, -35.4152, 25.0675



40.4093, -16.4042, -95.5884

Complementary

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



40.4080, 70.7840, 13.8316



73.9195, -54.3752, 24.9898

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.



40.4093, -35.7278, -59.0931



40.4080, 70.7840, 13.8316



40.4093, -44.3002, 14.2561

Square

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



40.4093, 70.7792, 13.8326



40.4093, -15.8315, 27.5614



40.4093, -44.3947, -14.4297



40.4093, 13.6158, -96.0690

Rectangle

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



40.4080, 70.7840, 13.8316



40.4093, 25.8249, 27.0574



40.4093, -44.3947, -14.4297



40.4093, -24.1328, -86.3696

Sweetspot

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



40.4093, 70.7792, 13.8326



76.0395, 27.8728, 1.1619



32.6994, 72.2826, -105.1667



33.7988, 15.1110, 0.4351

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.4093, 70.7792, 13.8326



47.0158, 82.3130, 16.4510



40.5333, 64.7134, 26.1072



37.1288, 1.9445, 1.4828



31.0171, 54.3955, 10.1375



8.2695, 14.6996, 1.1747

Inverse Universe

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



40.4093, 70.7792, 13.8326



47.0158, 82.3130, 16.4510



67.2721, -29.4116, -20.5904



37.1288, 1.9445, 1.4828



31.0171, 54.3955, 10.1375



8.2695, 14.6996, 1.1747

Previews

White Background



This preview shows how the HunterLab color 40.4080, 70.7840, 13.8316 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 40.4080, 70.7840, 13.8316 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 40.4080, 70.7840, 13.8316 Background



This preview shows how black text looks on a background with the HunterLab color 40.4080, 70.7840, 13.8316.



This preview shows how white text looks on a background with the HunterLab color 40.4080, 70.7840,

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

40.4080, 70.7840, 13.8316

Protanopia

41.2821, -0.7612, -1.4886

Deuteranopia

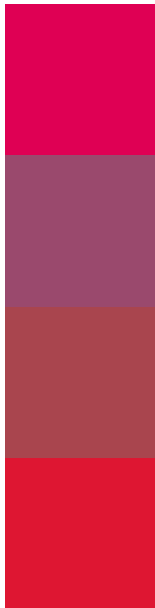
41.0304, 2.9628, 15.9729



Tritanopia

40.7617, 62.8350, 24.3316

Trichromacy



Original Color

40.4080, 70.7840, 13.8316

Protanomaly

35.6921, 29.9058, -1.5167

Deuteranomaly

36.3886, 33.7675, 11.2697

Tritanomaly

40.4150, 66.1327, 21.6344

Monochromacy



Original Color

40.4080, 70.7840, 13.8316

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

27.1027, 28.4517, 1.0166

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4080, 70.7840, 13.8316 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(223, 0, 84)` looks like.

```
.text, #text, p{  
    color:rgb(223, 0, 84)  
}
```

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(223, 0, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 0, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4080, 70.7840, 13.8316 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(223, 0, 84) }
```


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

```
.border{ border-color:rgb(223, 0, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 0, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 0, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 0, 84);  
box-shadow:4px 4px 4px 4px rgb(223, 0, 84)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 40.4080, 70.7840, 13.8316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 0, 84) }
```

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

```
.background{ background-color: rgb(223, 0,  
84) }
```

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