

Converting Colors

HunterLab(42.3808, 70.4307,
16.9994)

Have a look what the booklet for
HunterLab(42.3808, 70.4307,
16.9994) contains.

HunterLab(42.3808, 70.4307, 16.9994)	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(42.3808, 70.4307,
16.9994)**

Conversions

Conversions Part 1

Format	Color
Hex	E6164F
RGB	230, 22, 79
RGB Percent	90%, 9%, 31%
CMY	0.0980, 0.9136, 0.6902
CMYK	0.00, 0.90, 0.66, 0.10
HSL	344°, 83%, 49%
HSV	344°, 90%, 90%
XYZ	34.3313, 17.9613, 9.0546
YIQ	90.6900, 105.6710, 61.8230

Conversions

Conversions Part 2

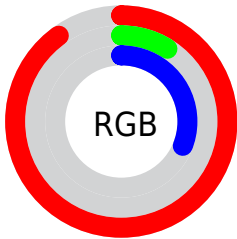
Format	Color
R_{YB}	230, 22, 79
Decimal	15078991
CIE _{Lab}	49.45, 73.97, 25.55
CIE _{LCh}	49, 78.260, 19.053
Yxy	17.9624, 0.5596, 0.2928
Android (android.graphics.Color)	4293269071 (0xFFE6164F)
YUV	90.6900, -5.7632, 122.1749
Hunter-Lab	42.3808, 70.4307, 16.9994

Details

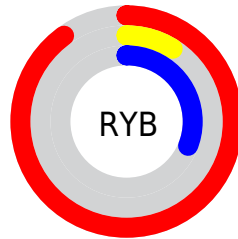
The HunterLab color **42.3808, 70.4307, 16.9994** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **77.3192, -51.7968, 16.4087**, and the grayscale version is **32.2293, -1.7197, 1.7511**.

A 20% lighter version of the original color is **56.1728, 59.0059, 14.0911**, and **28.6956, 49.5859, 15.1016** is the 20% darker color. If you saturate the color by 10%, you get **41.4510, 71.8519, 20.0725**, and if you desaturate by 10%, it is **44.2053, 66.6757, 13.6607**.

Distribution



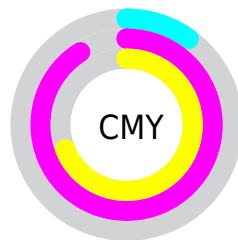
- Red (90%)
- Green (9%)
- Blue (31%)



- Red (90%)
- Yellow (9%)
- Blue (31%)



- Cyan (0%)
- Magenta (90%)
- Yellow (66%)
- Black (10%)



- Cyan (10%)
- Magenta (91%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.3808, 70.4307, 16.9994 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 42.3808, 70.4307, 16.9994 by changing the saturation by 10% instead.

■ 42.3808, 70.4307,
16.9994

■ 42.3808, 70.4307,
16.9994

155.1319, 88.8615,
34.4400

■ 33.0500, 68.0721,
14.7399

■ 63.2244, 75.1008,
21.2056

■ 24.5257, 65.8620,
12.3207

■ 74.6415, 77.3364,
23.2008

■ 16.8946, 64.1289,
9.8664

■ 86.6734, 79.4837,
25.1462

■ 10.2768, 63.8516,
7.1938

■ 99.2903, 81.5389,
27.0532

0.0000, INF, NaN

0.0000, INF, NaN

■ 112.4661, 83.5019,
28.9301

0.0000, NaN, NaN

■ 126.1781, 85.3747,

0.0000, NaN, NaN

30.7835

0.0000, NaN, NaN

140.4061, 87.1601,
32.6187

■ 42.3808, 70.4307,
16.9994

■ 42.3808, 70.4307,
16.9994

■ 41.4510, 71.8519,
20.0725

■ 44.2053, 66.6757,
13.6607

■ 47.0528, 60.4826,
10.5894

■ 50.8901, 52.4574,
8.0394

■ 55.6180, 43.3247,
6.1280

■ 61.1142, 33.6819,
4.8602

■ 67.2591, 23.9247,
4.1765

■ 73.9483, 14.2747,
3.9933

■ 81.0950, 4.8342,
4.2266

■ 88.6297, -4.3643,
4.8023

Harmonies

Analogous

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



42.3821, 73.9422, -9.9887



42.3808, 70.4307, 16.9994



42.3821, 44.5147, 26.7134

Triad

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



42.3821, 70.4257, 17.0003



42.3821, -38.6534, 25.2261



42.3821, -13.0389, -100.2733

Complementary

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



42.3808, 70.4307, 16.9994



77.3192, -51.7968, 16.4087

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.



42.3821, -34.7829, -67.1446



42.3808, 70.4307, 16.9994



42.3821, -46.4666, 11.7555

Square

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



42.3821, 70.4257, 17.0003



42.3821, -20.0829, 28.5636



42.3821, -45.2910, -20.8007



42.3821, 19.0937, -94.4767

Rectangle

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



42.3808, 70.4307, 16.9994



42.3821, 21.3208, 28.4771



42.3821, -45.2910, -20.8007



42.3821, -21.6051, -92.7220

Sweetspot

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



42.3821, 70.4257, 17.0003



78.0060, 23.3291, 4.5706



38.6711, 77.1771, -89.5981



34.9255, 12.5269, 2.1758

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.3821, 70.4257, 17.0003



46.5836, 80.7211, 22.7740



45.7232, 55.8046, 28.1650



37.9902, 1.8270, 1.9822



31.2172, 54.1679, 14.6871



8.5757, 15.0550, 2.6828

Inverse Universe

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



42.3821, 70.4257, 17.0003



46.5836, 80.7211, 22.7740



63.6842, -21.8927, -30.8384



37.9902, 1.8270, 1.9822



31.2172, 54.1679, 14.6871



8.5757, 15.0550, 2.6828

Previews

White Background



This preview shows how the HunterLab color 42.3808, 70.4307, 16.9994 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 42.3808, 70.4307, 16.9994 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 42.3808, 70.4307, 16.9994 Background



This preview shows how black text looks on a background with the HunterLab color 42.3808, 70.4307, 16.9994.



This preview shows how white text looks on a background with the HunterLab color 42.3808, 70.4307, 16.9994.

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

42.3808, 70.4307, 16.9994

Protanopia

42.8162, -1.5584, 3.8956

Deuteranopia

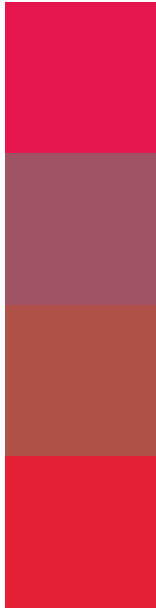
42.6254, 2.7971, 18.4831



Tritanopia

42.5470, 65.1560, 25.1421

Trichromacy



Original Color

42.3808, 70.4307, 16.9994

Protanomaly

38.3704, 26.7736, 4.6886

Deuteranomaly

39.1565, 30.6284, 15.1199

Tritanomaly

42.3439, 66.8098, 22.8763

Monochromacy



Original Color

42.3808, 70.4307, 16.9994

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.1486, 26.0469, 3.6366

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.3808, 70.4307, 16.9994 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(230, 22, 79)` looks like.

```
.text, #text, p{  
    color:rgb(230, 22, 79)  
}
```

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(230, 22, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 22, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 42.3808, 70.4307, 16.9994 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(230, 22, 79) }
```


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

```
.border{ border-color:rgb(230, 22, 79) }
```

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

Here you see how a box with a 4 pixel rgb(230, 22, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 22, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 22, 79);  
box-shadow:4px 4px 4px 4px rgb(230, 22,  
79) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.3808, 70.4307, 16.9994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 22, 79) }
```

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

```
.background{ background-color: rgb(230, 22,  
79) }
```

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