

Converting Colors

HunterLab(40.6228, 71.0222,
14.9750)

Have a look what the booklet for
HunterLab(40.6228, 71.0222,
14.9750) contains.

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Color

**HunterLab(40.5480, 70.9047,
14.8440)**

Conversions

Conversions Part 1

Format	Color
Hex	E00051
RGB	224, 0, 81
RGB Percent	88%, 0%, 32%
CMY	0.1216, 0.9998, 0.6824
CMYK	0.00, 1.00, 0.64, 0.12
HSL	338°, 100%, 44%
HSV	338°, 100%, 88%
XYZ	32.2257, 16.4414, 9.2596
YIQ	76.2100, 107.5030, 72.6790

Conversions

Conversions Part 2

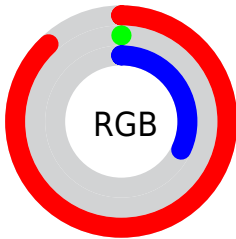
Format	Color
R_{YB}	224, 0, 81
Decimal	14680145
CIE Lab	47.55, 74.73, 21.62
CIE LCh	48, 77.795, 16.133
Yxy	16.4424, 0.5563, 0.2838
Android (android.graphics.Color)	4292870225 (0xFFE00051)
YUV	76.2100, 2.3615, 129.6118
Hunter-Lab	40.5480, 70.9047, 14.8440

Details

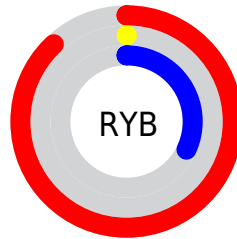
The HunterLab color **40.5480, 70.9047, 14.8440** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **74.3613, -54.2353, 24.1358**, and the grayscale version is **26.9337, -1.4371, 1.4634**.

A 20% lighter version of the original color is **55.0944, 62.3733, 12.3134**, and **27.5811, 47.7177, 14.0682** is the 20% darker color. If you saturate the color by 10%, you get **40.5473, 70.9023, 14.8527**, and if you desaturate by 10%, it is **41.5574, 69.5134, 11.2749**.

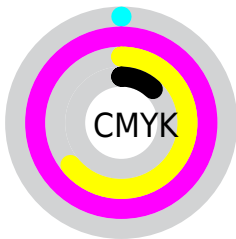
Distribution



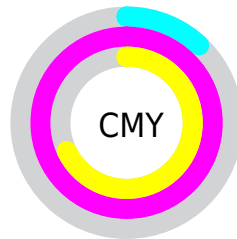
- Red (88%)
- Green (0%)
- Blue (32%)



- Red (88%)
- Yellow (0%)
- Blue (32%)



- Cyan (0%)
- Magenta (100%)
- Yellow (64%)
- Black (12%)



- Cyan (12%)
- Magenta (100%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.5480, 70.9047, 14.8440 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 40.5480, 70.9047, 14.8440 by changing the saturation by 10% instead.

40.5480, 70.9047,
14.8440

40.5480, 70.9047,
14.8440

152.2952, 89.6447,
30.4602

31.3652, 68.5527,
12.8596

61.1266, 75.6214,
18.5597

23.0033, 66.4027,
10.7398

72.4230, 77.8917,
20.3334

15.5541, 64.8654,
8.5849

84.3405, 80.0764,
22.0701

9.1422, 65.2698,
6.3995

96.8483, 82.1701,
23.7793

0.0000, INF, NaN

0.0000, INF, NaN

109.9197, 84.1718,
25.4680

0.0000, NaN, NaN

123.5314, 86.0829,

0.0000, NaN, NaN

27.1417

0.0000, NaN, NaN

137.6627, 87.9062,
28.8046

■ 40.5480, 70.9047,
14.8440

■ 40.5480, 70.9047,
14.8440

■ 40.5473, 70.9023,
14.8527

■ 41.5574, 69.5134,
11.2749

■ 43.3935, 65.8388,
7.8885

■ 46.2001, 59.7662,
5.0813

■ 49.9420, 51.8861,
3.0408

■ 54.5260, 42.8921,
1.8067

■ 59.8380, 33.3583,
1.3180

■ 65.7663, 23.6707,
1.4686

■ 72.2133, 14.0506,
2.1458

■ 79.0977, 4.6049,
3.2487

Harmonies

Analogous

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



40.5493, 71.8738, -13.5598



40.5480, 70.9047, 14.8440



40.5493, 46.9728, 25.3402

Triad

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



40.5493, 70.8998, 14.8450



40.5493, -36.3622, 24.9534



40.5493, -15.2796, -97.8162

Complementary

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



40.5480, 70.9047, 14.8440



74.3613, -54.2353, 24.1358

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.



40.5493, -35.3154, -62.0805



40.5480, 70.9047, 14.8440



40.5493, -44.8238, 13.4259

Square

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



40.5493, 70.8998, 14.8450



40.5493, -17.2013, 27.6433



40.5493, -44.5078, -16.5439



40.5493, 15.4404, -96.1948

Rectangle

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



40.5480, 70.9047, 14.8440



40.5493, 24.3807, 27.2764



40.5493, -44.5078, -16.5439



40.5493, -23.2615, -89.0575

Sweetspot

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



40.5493, 70.8998, 14.8450



76.0025, 27.6854, 1.6892



33.3520, 73.2435, -103.5313



33.7793, 15.0140, 0.7123

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.5493, 70.8998, 14.8450



46.9422, 82.0425, 17.5232



40.9529, 64.3343, 26.3591



37.1241, 1.9193, 1.5497



30.9676, 54.2135, 10.8585



8.2551, 14.6471, 1.3815

Inverse Universe

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



40.5493, 70.8998, 14.8450



46.9422, 82.0425, 17.5232



66.3536, -27.9414, -22.6159



37.1241, 1.9193, 1.5497



30.9676, 54.2135, 10.8585



8.2551, 14.6471, 1.3815

Previews

White Background



This preview shows how the HunterLab color 40.5480, 70.9047, 14.8440 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 40.5480, 70.9047, 14.8440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

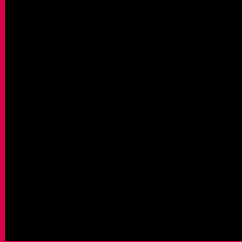
Any Text WCAG AA × Fail

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 40.5480, 70.9047, 14.8440 Background



This preview shows how black text looks on a background with the HunterLab color 40.5480, 70.9047, 14.8440.



This preview shows how white text looks on a background with the HunterLab color 40.5480, 70.9047,

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

40.5480, 70.9047, 14.8440

Protanopia

41.3274, -0.8427, 0.4125

Deuteranopia

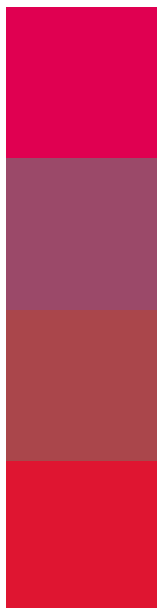
41.3470, 2.5910, 16.9750



Tritanopia

40.8791, 63.3977, 24.5179

Trichromacy



Original Color

40.5480, 70.9047, 14.8440

Protanomaly

35.7121, 29.7220, 0.3378

Deuteranomaly

36.6529, 33.4413, 12.4030

Tritanomaly

40.5537, 66.5974, 21.9067

Monochromacy



Original Color

40.5480, 70.9047, 14.8440

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

27.2209, 28.6792, 1.5763

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.5480, 70.9047, 14.8440 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(224, 0, 81)` looks like.

```
.text, #text, p{  
    color:rgb(224, 0, 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(224, 0, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 0, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 40.5480, 70.9047, 14.8440 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(224, 0, 81) }
```


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

```
.border{ border-color:rgb(224, 0, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 0, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 0, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 0, 81);  
box-shadow:4px 4px 4px 4px rgb(224, 0, 81)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 40.5480, 70.9047, 14.8440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 0, 81) }
```

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

```
.background{ background-color: rgb(224, 0,  
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](#).

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