

Converting Colors

HunterLab(36.2078, 86.1400,
11.0983)

Have a look what the booklet for
HunterLab(36.2078, 86.1400,
11.0983) contains.

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Color

**HunterLab(40.3510, 70.5746,
14.6613)**

Conversions

Conversions Part 1

Format	Color
Hex	DF0051
RGB	223, 0, 81
RGB Percent	87%, 0%, 32%
CMY	0.1255, 0.9998, 0.6824
CMYK	0.00, 1.00, 0.64, 0.13
HSL	338°, 100%, 44%
HSV	338°, 100%, 87%
XYZ	31.9166, 16.2820, 9.2451
YIQ	75.9110, 106.9070, 72.4670

Conversions

Conversions Part 2

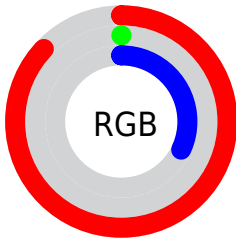
Format	Color
RYB	223, 0, 81
Decimal	14614609
CIELab	47.34, 74.50, 21.31
CIELCh	47, 77.488, 15.960
Yxy	16.2830, 0.5556, 0.2835
Android (android.graphics.Color)	4292804689 (0xFFDF0051)
YUV	75.9110, 2.5089, 128.9971
Hunter-Lab	40.3510, 70.5746, 14.6613

Details

The HunterLab color **40.3510, 70.5746, 14.6613** 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 **73.9796, -54.0047, 24.1151**, and the grayscale version is **26.8259, -1.4314, 1.4575**.

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 **40.3503, 70.5722, 14.6698**, and if you desaturate by 10%, it is **41.3583, 69.1845, 11.1059**.

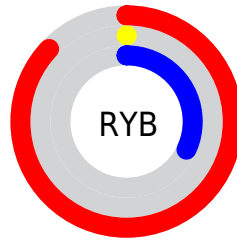
Distribution



Red (87%)

Green (0%)

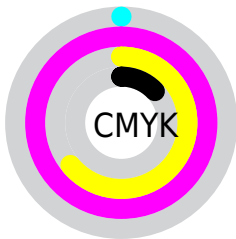
Blue (32%)



Red (87%)

Yellow (0%)

Blue (32%)

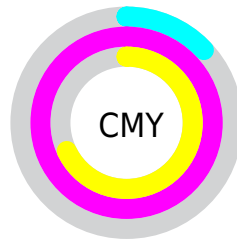


Cyan (0%)

Magenta (100%)

Yellow (64%)

Black (13%)



Cyan (13%)

Magenta (100%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3510, 70.5746, 14.6613 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 40.3510, 70.5746, 14.6613 by changing the saturation by 10% instead.

40.3510, 70.5746,
14.6613

40.3510, 70.5746,
14.6613

151.9889, 89.2756,
30.1354

31.1844, 68.2266,
12.6981

60.9006, 75.2838,
18.3390

22.8403, 66.0819,
10.6013

72.1839, 77.5501,
20.0955

15.4111, 64.5560,
8.4758

84.0889, 79.7305,
21.8160

9.0166, 65.0628,
6.3116

96.5848, 81.8198,
23.5098

0.0000, INF, NaN

0.0000, INF, NaN

109.6449, 83.8169,
25.1838

0.0000, NaN, NaN

123.2456, 85.7234,

0.0000, NaN, NaN

26.8434

0.0000, NaN, NaN

137.3665, 87.5419,
28.4929

■ 40.3510, 70.5746,
14.6613

■ 40.3510, 70.5746,
14.6613

■ 40.3503, 70.5722,
14.6698

■ 41.3583, 69.1845,
11.1059

■ 43.1867, 65.5251,
7.7380

■ 45.9800, 59.4810,
4.9519

■ 49.7030, 51.6393,
2.9329

■ 54.2629, 42.6895,
1.7187

■ 59.5464, 33.2023,
1.2476

■ 65.4428, 23.5615,
1.4132

■ 71.8548, 13.9871,
2.1030

■ 78.7016, 4.5859,
3.2164

Harmonies

Analogous

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



40.3523, 71.3908, -13.7030



40.3510, 70.5746, 14.6613



40.3523, 46.8845, 25.1826

Triad

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



40.3523, 70.5697, 14.6623



40.3523, -36.0897, 24.8561



40.3523, -15.3445, -97.1178

Complementary

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



40.3510, 70.5746, 14.6613



73.9796, -54.0047, 24.1151

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.



40.3523, -35.2067, -61.4502



40.3510, 70.5746, 14.6613



40.3523, -44.5628, 13.4654

Square

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



40.3523, 70.5697, 14.6623



40.3523, -16.9650, 27.5146



40.3523, -44.2963, -16.2186



40.3523, 15.1561, -95.7514

Rectangle

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



40.3510, 70.5746, 14.6613



40.3523, 24.4408, 27.1310



40.3523, -44.2963, -16.2186



40.3523, -23.2608, -88.3434

Sweetspot

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



40.3523, 70.5697, 14.6623



76.0064, 27.7055, 1.6325



33.1867, 72.8779, -102.9973



33.7814, 15.0244, 0.6826

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.3523, 70.5697, 14.6623



46.9500, 82.0710, 17.4101



40.7496, 63.9999, 26.2280



37.1246, 1.9220, 1.5425



30.9728, 54.2327, 10.7824



8.2567, 14.6526, 1.3595

Inverse Universe

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



40.3523, 70.5697, 14.6623



46.9500, 82.0710, 17.4101



66.0217, -27.8039, -22.4979



37.1246, 1.9220, 1.5425



30.9728, 54.2327, 10.7824



8.2567, 14.6526, 1.3595

Previews

White Background



This preview shows how the HunterLab color 40.3510, 70.5746, 14.6613 looks on a white background.

Color Contrast Check

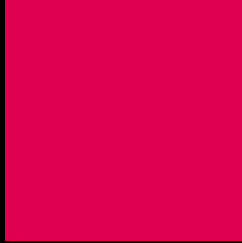
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.3510, 70.5746, 14.6613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

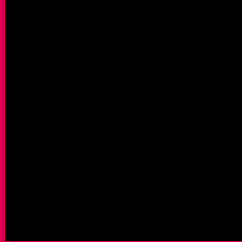
Any Text WCAG AA × Fail

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 40.3510, 70.5746, 14.6613 Background



This preview shows how black text looks on a background with the HunterLab color 40.3510, 70.5746, 14.6613.



This preview shows how white text looks on a background with the HunterLab color 40.3510, 70.5746,

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

40.3510, 70.5746, 14.6613

Protanopia

41.2448, -1.1274, 0.3066

Deuteranopia

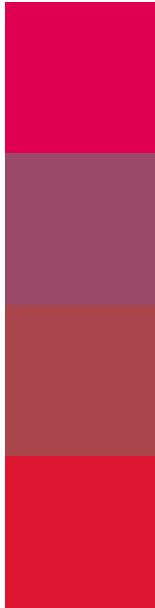
40.9823, 2.7050, 16.6762



Tritanopia

40.6861, 63.0358, 24.3842

Trichromacy



Original Color

40.3510, 70.5746, 14.6613

Protanomaly

35.5739, 29.3631, 0.1601

Deuteranomaly

36.3308, 33.5072, 12.1102

Tritanomaly

40.3580, 66.2483, 21.7594

Monochromacy



Original Color

40.3510, 70.5746, 14.6613

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

27.0760, 28.3349, 1.3969

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3510, 70.5746, 14.6613 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, 81)` looks like.

```
.text, #text, p{  
  color:rgb(223, 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(223, 0, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 0, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3510, 70.5746, 14.6613 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, 81) }
```


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

```
.border{ border-color:rgb(223, 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(223, 0, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 0, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 0, 81);  
box-shadow:4px 4px 4px 4px rgb(223, 0, 81)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 40.3510, 70.5746, 14.6613 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, 81) }
```

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

```
.background{ background-color: rgb(223, 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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