

Converting Colors

HunterLab(39.9866, 70.2073,
12.4353)

Have a look what the booklet for
HunterLab(39.9866, 70.2073,
12.4353) contains.

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Color

**HunterLab(40.0753, 70.3471,
12.5857)**

Conversions

Conversions Part 1

Format	Color
Hex	DD0057
RGB	221, 0, 87
RGB Percent	87%, 0%, 34%
CMY	0.1333, 0.9998, 0.6588
CMYK	0.00, 1.00, 0.61, 0.13
HSL	336°, 100%, 43%
HSV	336°, 100%, 87%
XYZ	31.5391, 16.0603, 10.4545
YIQ	75.9970, 103.7890, 73.9090

Conversions

Conversions Part 2

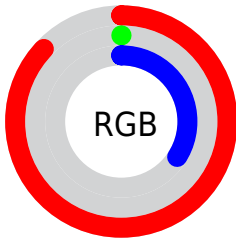
Format	Color
RYB	221, 0, 87
Decimal	14483543
CIELab	47.05, 74.37, 17.13
CIElCh	47, 76.319, 12.973
Yxy	16.0613, 0.5433, 0.2767
Android (android.graphics.Color)	4292673623 (0xFFDD0057)
YUV	75.9970, 5.4245, 127.1676
Hunter-Lab	40.0753, 70.3471, 12.5857

Details

The HunterLab color **40.0753, 70.3471, 12.5857** 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 **73.0997, -54.2691, 25.7856**, and the grayscale version is **26.8473, -1.4325, 1.4587**.

A 20% lighter version of the original color is **55.2447, 63.0180, 10.1466**, and **27.2828, 47.3619, 12.6739** is the 20% darker color. If you saturate the color by 10%, you get **40.0746, 70.3448, 12.5944**, and if you desaturate by 10%, it is **41.0848, 68.9920, 8.9770**.

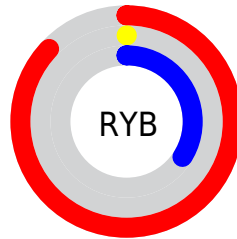
Distribution



Red (87%)

Green (0%)

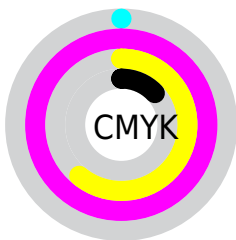
Blue (34%)



Red (87%)

Yellow (0%)

Blue (34%)

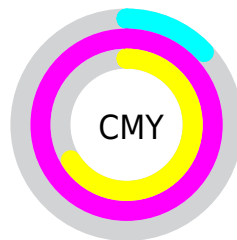


Cyan (0%)

Magenta (100%)

Yellow (61%)

Black (13%)



Cyan (13%)


Magenta (100%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 40.0753, 70.3471, 12.5857 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 40.0753, 70.3471, 12.5857 by changing the saturation by 10% instead.


 40.0753, 70.3471,
12.5857


 40.0753, 70.3471,
12.5857


151.5596, 89.0380,
26.0960


 30.9314, 68.0030,
10.9333


 60.5843, 75.0533,
15.7232


 22.6123, 65.8673,
9.1849

 71.8491, 77.3187,
17.2398

 15.2112, 64.3657,
7.3036


 83.7366, 79.4983,
18.7358

 8.8375, 65.0864,
6.1862

 96.2158, 81.5867,
20.2181

0.0000, INF, NaN

0.0000, INF, NaN

 109.2599, 83.5828,
21.6919

0.0000, NaN, NaN

 122.8454, 85.4882,

0.0000, NaN, NaN

23.1608

0.0000, NaN, NaN

136.9515, 87.3055,
24.6281

■ 40.0753, 70.3471,
12.5857

■ 40.0753, 70.3471,
12.5857

■ 40.0746, 70.3448,
12.5944

■ 41.0848, 68.9920,
8.9770

■ 42.8983, 65.3825,
5.6556

■ 45.6588, 59.3971,
3.0087

■ 49.3327, 51.6126,
1.1982

■ 53.8298, 42.7092,
0.2373

■ 59.0397, 33.2533,
0.0441

■ 64.8539, 23.6285,
0.4988

■ 71.1773, 14.0569,
1.4803

■ 77.9303, 4.6479,
2.8838

Harmonies

Analogous

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



40.0765, 68.6477, -17.2787



40.0753, 70.3471, 12.5857



40.0765, 48.9691, 24.3846

Triad

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



40.0765, 70.3423, 12.5867



40.0765, -34.1877, 25.0772



40.0765, -17.5719, -92.7122

Complementary

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



40.0753, 70.3471, 12.5857



73.0997, -54.2691, 25.7856

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.



40.0765, -36.0290, -55.5674



40.0753, 70.3471, 12.5857



40.0765, -43.5193, 15.0817

Square

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



40.0765, 70.3423, 12.5867



40.0765, -14.2051, 27.3546



40.0765, -44.0766, -12.0789



40.0765, 11.5451, -95.5207

Rectangle

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



40.0753, 70.3471, 12.5857



40.0765, 27.3502, 26.6940



40.0765, -44.0766, -12.0789



40.0765, -24.9888, -83.0338

Sweetspot

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



40.0765, 70.3423, 12.5867



76.0816, 28.0854, 0.5640



31.9017, 70.9875, -106.2344



33.8209, 15.2211, 0.1204

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.0765, 70.3423, 12.5867



47.1030, 82.6330, 15.1831



39.9394, 64.6696, 25.7405



36.2436, 1.9147, 1.3751



30.5781, 53.7402, 9.1049



7.8892, 14.0667, 0.7865

Inverse Universe

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



40.0765, 70.3423, 12.5867



47.1030, 82.6330, 15.1831



67.8408, -30.7006, -18.5186



36.2436, 1.9147, 1.3751



30.5781, 53.7402, 9.1049



7.8892, 14.0667, 0.7865

Previews

White Background



This preview shows how the HunterLab color 40.0753, 70.3471, 12.5857 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 40.0753, 70.3471, 12.5857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

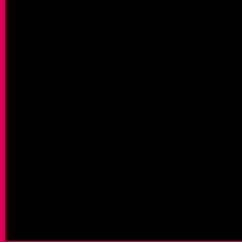
Any Text WCAG AA × Fail

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 40.0753, 70.3471, 12.5857 Background



This preview shows how black text looks on a background with the HunterLab color 40.0753, 70.3471, 12.5857.



This preview shows how white text looks on a background with the HunterLab color 40.0753, 70.3471,

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

40.0753, 70.3471, 12.5857

Protanopia

40.9723, -0.1750, -3.8115

Deuteranopia

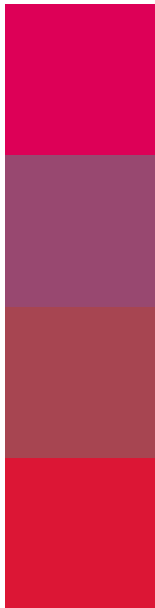
40.8920, 2.6340, 14.7930



Tritanopia

40.4623, 61.9291, 23.9085

Trichromacy



Original Color

40.0753, 70.3471, 12.5857

Protanomaly

35.3270, 30.0925, -3.4322

Deuteranomaly

36.1467, 33.2838, 10.0873

Tritanomaly

40.0581, 65.5609, 20.8461

Monochromacy



Original Color

40.0753, 70.3471, 12.5857

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

27.1297, 28.5700, 0.6313

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0753, 70.3471, 12.5857 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(221, 0, 87)` looks like.

```
.text, #text, p{  
    color:rgb(221, 0, 87)  
}
```

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(221, 0, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 0, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0753, 70.3471, 12.5857 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(221, 0, 87) }
```


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

```
.border{ border-color:rgb(221, 0, 87) }
```

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

Here you see how a box with a 4 pixel rgb(221, 0, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 0, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 0, 87);  
box-shadow:4px 4px 4px 4px rgb(221, 0, 87)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 40.0753, 70.3471, 12.5857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 0, 87) }
```

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

```
.background{ background-color: rgb(221, 0,  
87) }
```

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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