

Converting Colors

HunterLab(42.2069, 74.2380,
12.0983)

Have a look what the booklet for
HunterLab(42.2069, 74.2380,
12.0983) contains.

HunterLab(42.2080, 74.2399, 12.1000)	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(42.2080, 74.2399,
12.1000)**

Conversions

Conversions Part 1	
Format	Color
Hex	E7005F
RGB	231, 0, 95
RGB Percent	91%, 0%, 37%
CMY	0.0941, 0.9998, 0.6274
CMYK	0.00, 1.00, 0.59, 0.09
HSL	335°, 100%, 45%
HSV	335°, 100%, 91%
XYZ	35.0206, 17.8152, 12.4194
YIQ	79.8990, 107.1810, 78.5170

Conversions

Conversions Part 2

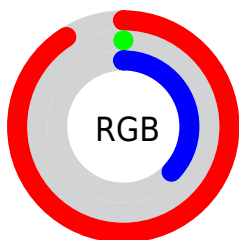
Format	Color
RYB	231, 0, 95
Decimal	15138911
CIELab	49.27, 77.11, 15.54
CIELCh	49, 78.658, 11.398
Yxy	17.8162, 0.5367, 0.2730
Android (android.graphics.Color)	4293328991 (0xFFE7005F)
YUV	79.8990, 7.4448, 132.5156
Hunter-Lab	42.2080, 74.2399, 12.1000

Details

The HunterLab color **42.2080, 74.2399, 12.1000** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed red. A complement of this color would be **76.7665, -57.5525, 28.2904**, and the grayscale version is **28.2443, -1.5070, 1.5346**.

A 20% lighter version of the original color is **55.7970, 63.1585, 7.0225**, and **29.2491, 50.8774, 12.7970** is the 20% darker color. If you saturate the color by 10%, you get **42.2072, 74.2373, 12.1098**, and if you desaturate by 10%, it is **43.2474, 72.9176, 8.2436**.

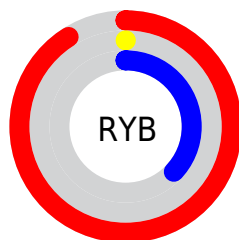
Distribution



Red (91%)

Green (0%)

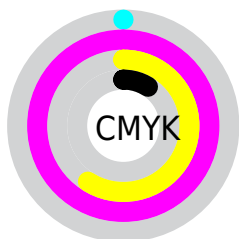
Blue (37%)



Red (91%)

Yellow (0%)

Blue (37%)

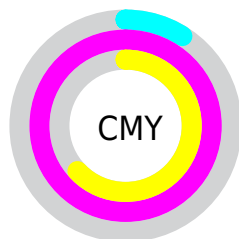


Cyan (0%)

Magenta (100%)

Yellow (59%)

Black (9%)



Cyan (9%)

Magenta (100%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 42.2080, 74.2399, 12.1000 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 42.2080, 74.2399, 12.1000 by changing the saturation by 10% instead.


 42.2080, 74.2399,
12.1000


 42.2080, 74.2399,
12.1000


154.8655, 93.4040,
24.8533


 32.8909, 71.8517,
10.5781


 63.0270, 79.0361,
15.0201


 24.3817, 69.6610,
8.9824

 74.4328, 81.3508,
16.4429

 16.7674, 68.0489,
7.2722


 86.4540, 83.5824,
17.8525

 10.1691, 68.1453,
6.9380

 99.0607, 85.7247,
19.2544

0.0000, INF, NaN

0.0000, INF, NaN

 112.2268, 87.7764,
20.6526

0.0000, NaN, NaN


 125.9294, 89.7385,


0.0000, NaN, NaN

22.0503


0.0000, NaN, NaN


140.1484, 91.6134,
23.4499


 42.2080, 74.2399,
12.1000


 42.2080, 74.2399,
12.1000


 42.2072, 74.2373,
12.1098

 43.2474, 72.9176,
8.2436

 45.1365, 69.1827,
4.7499

 48.0218, 62.9166,
2.0217

 51.8702, 54.7220,
0.2212

 56.5880, 45.3194,
-0.6501

■ 62.0590, 35.3131,
-0.6904

■ 68.1692, 25.1146,
-0.0356

■ 74.8177, 14.9638,
1.1807

■ 81.9208, 4.9797,
2.8438

Harmonies

Analogous

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



42.2093, 71.0867, -20.2944



42.2080, 74.2399, 12.1000



42.2093, 52.9108, 25.3080

Triad

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



42.2093, 74.2349, 12.1011



42.2093, -35.0826, 26.6133



42.2093, -19.7564, -95.6462

Complementary

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



42.2080, 74.2399, 12.1000



76.7665, -57.5525, 28.2904

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.



42.2093, -38.5215, -55.6399



42.2080, 74.2399, 12.1000



42.2093, -45.4284, 16.7621

Square

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



42.2093, 74.2349, 12.1011



42.2093, -13.4804, 28.7760



42.2093, -46.4707, -10.6252



42.2093, 10.2832, -100.8522

Rectangle

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



42.2080, 74.2399, 12.1000



42.2093, 30.5194, 27.9751



42.2093, -46.4707, -10.6252



42.2093, -27.3315, -84.9459

Sweetspot

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



42.2093, 74.2349, 12.1011



76.1254, 28.3072, -0.0596



33.0192, 74.0099, -114.1085



33.8440, 15.3362, -0.2082

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.2093, 74.2349, 12.1011



47.1980, 82.9818, 13.8030



41.7910, 68.6417, 26.9509



38.0339, 2.0618, 1.3593



31.6392, 55.7196, 8.5336



8.7053, 15.5287, 0.8149

Inverse Universe

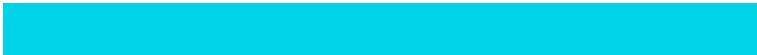
The Inverse Universe completely reimagines the original color for something new.



42.2093, 74.2349, 12.1011



47.1980, 82.9818, 13.8030



72.6181, -33.9052, -17.5719



38.0339, 2.0618, 1.3593



31.6392, 55.7196, 8.5336



8.7053, 15.5287, 0.8149

Previews

White Background



This preview shows how the HunterLab color 42.2080, 74.2399, 12.1000 looks on a white background.

Color Contrast Check

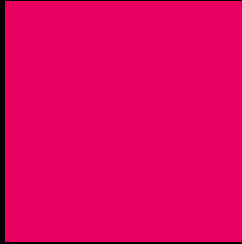
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.2080, 74.2399, 12.1000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

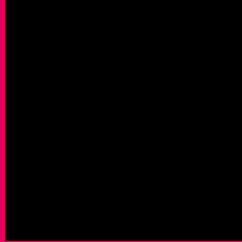
Any Text WCAG AA ✓ Pass

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 42.2080, 74.2399, 12.1000 Background



This preview shows how black text looks on a background with the HunterLab color 42.2080, 74.2399, 12.1000.

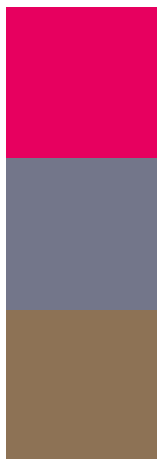


This preview shows how white text looks on a background with the HunterLab color 42.2080, 74.2399,

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

42.2080, 74.2399, 12.1000

Protanopia

42.9380, 0.2533, -6.7391

Deuteranopia





42.8407, 2.7006, 14.5512






Tritanopia

42.6282, 64.9434, 25.0828

Trichromacy

	Original Color 42.2080, 74.2399, 12.1000
	Protanomaly 36.8855, 31.9149, -6.3088
	Deuteranomaly 38.0592, 34.8953, 9.3394
	Tritanomaly 42.1565, 68.9124, 21.7389

Monochromacy

	Original Color 42.2080, 74.2399, 12.1000
	Achromatopsia 28.3231, -1.5113, 1.5388
	Achromatomaly 28.5910, 29.9741, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.2080, 74.2399, 12.1000 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(231, 0, 95)` looks like.

```
.text, #text, p{  
    color:rgb(231, 0, 95)  
}
```

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(231, 0, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 0, 95) }
```

Border

The CSS property to change the border of an element to HunterLab 42.2080, 74.2399, 12.1000 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(231, 0, 95) }
```


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

```
.border{ border-color:rgb(231, 0, 95) }
```

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

Here you see how a box with a 4 pixel rgb(231, 0, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 0, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 0, 95);  
box-shadow:4px 4px 4px 4px rgb(231, 0, 95)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 42.2080, 74.2399, 12.1000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 0, 95) }
```

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

```
.background{ background-color: rgb(231, 0,  
95) }
```

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