

Converting Colors

HunterLab(42.8372, 74.9664,
15.2285)

Have a look what the booklet for
HunterLab(42.8372, 74.9664,
15.2285) contains.

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Color

**HunterLab(42.8372, 74.9664,
15.2285)**

Conversions

Conversions Part 1

Format	Color
Hex	EB0057
RGB	235, 0, 87
RGB Percent	92%, 0%, 34%
CMY	0.0784, 0.9998, 0.6588
CMYK	0.00, 1.00, 0.63, 0.08
HSL	338°, 100%, 46%
HSV	338°, 100%, 92%
XYZ	35.9812, 18.3503, 10.6624
YIQ	80.1830, 112.1330, 76.8770

Conversions

Conversions Part 2

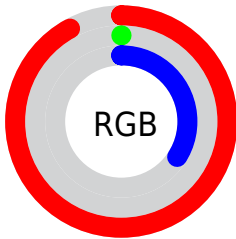
Format	Color
R_{YB}	235, 0, 87
Decimal	15401047
CIE _{Lab}	49.92, 77.57, 21.47
CIE _{LCh}	50, 80.482, 15.471
Yxy	18.3514, 0.5536, 0.2823
Android (android.graphics.Color)	4293591127 (0xFFEB0057)
YUV	80.1830, 3.3608, 135.7745
Hunter-Lab	42.8372, 74.9664, 15.2285

Details

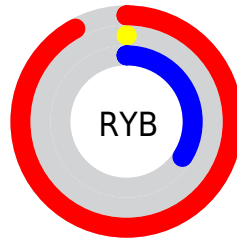
The HunterLab color **42.8372, 74.9664, 15.2285** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **78.4579, -57.5397, 26.1486**, and the grayscale version is **28.3603, -1.5132, 1.5409**.

A 20% lighter version of the original color is **55.7162, 61.6794, 10.6253**, and **29.7193, 51.4820, 14.6546** is the 20% darker color. If you saturate the color by 10%, you get **42.8364, 74.9637, 15.2382**, and if you desaturate by 10%, it is **43.8778, 73.5994, 11.4089**.

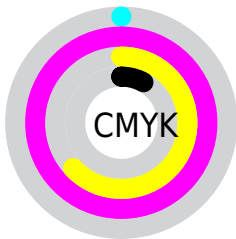
Distribution



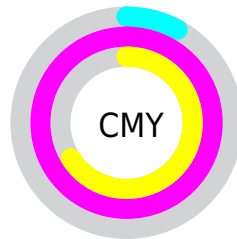
- Red (92%)
- Green (0%)
- Blue (34%)



- Red (92%)
- Yellow (0%)
- Blue (34%)



- Cyan (0%)
- Magenta (100%)
- Yellow (63%)
- Black (8%)





- Cyan (8%)
- Magenta (100%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 42.8372, 74.9664, 15.2285 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 42.8372, 74.9664, 15.2285 by changing the saturation by 10% instead.


 42.8372, 74.9664,
15.2285


 42.8372, 74.9664,
15.2285


155.8346, 94.1903,
30.7111


 33.4702, 72.5683,
13.2804


 63.7457, 79.7756,
18.8939


 24.9063, 70.3597,
11.2094

 75.1924, 82.0963,
20.6493

 17.2310, 68.7053,
8.9643


 87.2524, 84.3340,
22.3708

 10.5622, 68.6691,
7.3935

 99.8960, 86.4828,
24.0670

0.0000, INF, NaN

0.0000, INF, NaN

 113.0975, 88.5412,
25.7446

0.0000, NaN, NaN

 126.8341, 90.5103,

0.0000, NaN, NaN

27.4086

0.0000, NaN, NaN

141.0858, 92.3924,
29.0630

■ 42.8372, 74.9664,
15.2285

■ 42.8372, 74.9664,
15.2285

■ 42.8364, 74.9637,
15.2382

■ 43.8778, 73.5994,
11.4089

■ 45.7981, 69.7810,
7.8111

■ 48.7464, 63.4015,
4.8522

■ 52.6872, 55.0817,
2.7294

■ 57.5225, 45.5600,
1.4801

■ 63.1314, 35.4512,
1.0341

■ 69.3955, 25.1701,
1.2743

■ 76.2107, 14.9551,
2.0776

■ 83.4906, 4.9222,
3.3348

Harmonies

Analogous

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



42.8385, 75.3874, -15.1804



42.8372, 74.9664, 15.2285



42.8385, 50.1949, 26.6291

Triad

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



42.8385, 74.9612, 15.2295



42.8385, -38.0241, 26.4589



42.8385, -16.7069, -102.4319

Complementary

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



42.8372, 74.9664, 15.2285



78.4579, -57.5397, 26.1486

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.



42.8385, -37.5650, -64.2521



42.8372, 74.9664, 15.2285



42.8385, -47.1784, 14.6073

Square

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



42.8385, 74.9612, 15.2295



42.8385, -17.5490, 29.1643



42.8385, -47.0397, -16.4864



42.8385, 15.4624, -101.7231

Rectangle

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



42.8372, 74.9664, 15.2285



42.8385, 26.4851, 28.7436



42.8385, -47.0397, -16.4864



42.8385, -25.0310, -92.9427

Sweetspot

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



42.8385, 74.9612, 15.2295



76.0236, 27.7921, 1.3888



34.6604, 76.6528, -111.7479



33.7904, 15.0692, 0.5545

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.8385, 74.9612, 15.2295



46.9838, 82.1952, 16.9177



42.9739, 68.7777, 27.6822



38.9182, 2.0488, 1.5820



31.9923, 56.0544, 10.8536



9.0649, 16.0740, 1.5942

Inverse Universe

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



42.8385, 74.9612, 15.2295



46.9838, 82.1952, 16.9177



71.3514, -31.1715, -21.8899



38.9182, 2.0488, 1.5820



31.9923, 56.0544, 10.8536



9.0649, 16.0740, 1.5942

Previews

White Background



This preview shows how the HunterLab color 42.8372, 74.9664, 15.2285 looks on a white background.

Color Contrast Check

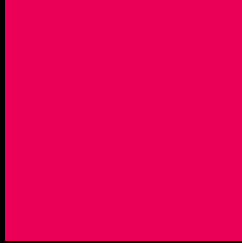
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.8372, 74.9664, 15.2285 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 42.8372, 74.9664, 15.2285 Background



This preview shows how black text looks on a background with the HunterLab color 42.8372, 74.9664, 15.2285.



This preview shows how white text looks on a background with the HunterLab color 42.8372, 74.9664,

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

42.8372, 74.9664, 15.2285

Protanopia

43.6236, -0.9193, -0.4249

Deuteranopia

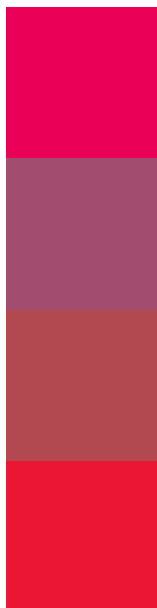
43.3786, 2.8775, 17.1835



Tritanopia

43.1625, 67.0012, 25.8924

Trichromacy



Original Color

42.8372, 74.9664, 15.2285

Protanomaly

37.4434, 31.7693, -0.6445

Deuteranomaly

38.5021, 35.6719, 12.3617

Tritanomaly

42.7951, 70.4212, 23.1019

Monochromacy



Original Color

42.8372, 74.9664, 15.2285

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.6817, 30.0804, 1.2833

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.8372, 74.9664, 15.2285 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(235, 0, 87)` looks like.

```
.text, #text, p{  
    color:rgb(235, 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(235, 0, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 0, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 42.8372, 74.9664, 15.2285 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(235, 0, 87) }
```


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

```
.border{ border-color:rgb(235, 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(235, 0, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 0, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 0, 87);  
box-shadow:4px 4px 4px 4px rgb(235, 0, 87)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 42.8372, 74.9664, 15.2285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 0, 87) }
```

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

```
.background{ background-color: rgb(235, 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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