

Converting Colors

HunterLab(42.2715, 72.8710,
23.5454)

Have a look what the booklet for
HunterLab(42.2715, 72.8710,
23.5454) contains.

HunterLab(42.2699, 72.8739, 23.5501)	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(42.2699, 72.8739,
23.5501)**

Conversions

Conversions Part 1

Format	Color
Hex	EB002F
RGB	235, 0, 47
RGB Percent	92%, 0%, 18%
CMY	0.0784, 0.9998, 0.8157
CMYK	0.00, 1.00, 0.80, 0.08
HSL	348°, 100%, 46%
HSV	348°, 100%, 92%
XYZ	34.7741, 17.8674, 4.3053
YIQ	75.6230, 124.9730, 64.4370

Conversions

Conversions Part 2

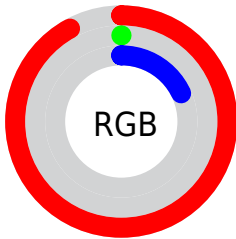
Format	Color
R_{YB}	235, 0, 47
Decimal	15401007
CIE Lab	49.34, 75.99, 44.51
CIE LCh	49, 88.066, 30.360
Yxy	17.8686, 0.6106, 0.3138
Android (android.graphics.Color)	4293591087 (0xFFEB002F)
YUV	75.6230, -14.1111, 139.7736
Hunter-Lab	42.2699, 72.8739, 23.5501

Details

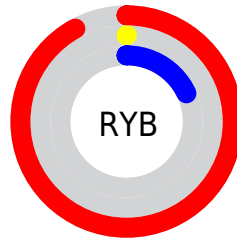
The HunterLab color **42.2699, 72.8739, 23.5501** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **79.4040, -51.7522, 12.4726**, and the grayscale version is **26.7777, -1.4288, 1.4549**.

A 20% lighter version of the original color is **54.6780, 58.3185, 23.2304**, and **29.0544, 49.7792, 18.5989** is the 20% darker color. If you saturate the color by 10%, you get **42.2693, 72.8720, 23.5566**, and if you desaturate by 10%, it is **43.2300, 71.1607, 20.8561**.

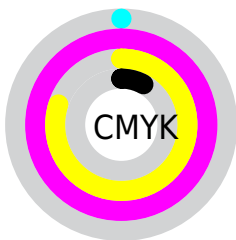
Distribution



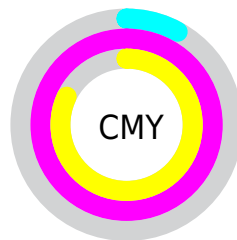
- Red (92%)
- Green (0%)
- Blue (18%)



- Red (92%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (80%)
- Black (8%)




- Cyan (8%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 42.2699, 72.8739, 23.5501 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 42.2699, 72.8739, 23.5501 by changing the saturation by 10% instead.

 42.2699, 72.8739,
23.5501


 42.2699, 72.8739,
23.5501


154.9611, 91.7794,
50.4828


 32.9480, 70.4947,
19.8345

 63.0978, 77.6261,
30.3476


 24.4333, 68.2953,
16.0738

 74.5076, 79.9131,
33.5048

 16.8130, 66.6372,
11.7691


 86.5327, 82.1150,
36.5397

 10.2077, 66.5945,
7.1454

 99.1430, 84.2265,
39.4733

0.0000, INF, NaN

0.0000, INF, NaN

 112.3126, 86.2468,
42.3222

0.0000, NaN, NaN

 126.0186, 88.1773,

0.0000, NaN, NaN

45.0999

0.0000, NaN, NaN

140.2408, 90.0205,
47.8171

■ 42.2699, 72.8739,
23.5501

■ 42.2699, 72.8739,
23.5501

■ 42.2693, 72.8720,
23.5566

■ 43.2300, 71.1607,
20.8561

■ 45.1104, 67.0836,
17.7820

■ 48.0628, 60.5652,
14.7120

■ 52.0467, 52.2595,
11.9299

■ 56.9554, 42.9168,
9.6051

■ 62.6588, 33.1396,
7.7951

■ 69.0314, 23.3162,
6.4824

■ 75.9638, 13.6554,
5.6133

■ 83.3662, 4.2473,
5.1237

Harmonies

Analogous

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



42.2713, 88.2514, 2.7013



42.2699, 72.8739, 23.5501



42.2713, 36.4259, 28.7544

Triad

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



42.2713, 72.8685, 23.5509



42.2713, -46.2805, 23.2923



42.2713, -1.8340, -124.7690

Complementary

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



42.2699, 72.8739, 23.5501



79.4040, -51.7522, 12.4726

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.



42.2713, -30.6502, -99.6837



42.2699, 72.8739, 23.5501



42.2713, -50.6908, 1.8966

Square

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



42.2713, 72.8685, 23.5509



42.2713, -31.1716, 28.7001



42.2713, -46.0556, -44.5130



42.2713, 37.4055, -98.5521

Rectangle

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



42.2699, 72.8739, 23.5501



42.2713, 9.6087, 29.5899



42.2713, -46.0556, -44.5130



42.2713, -12.9443, -121.9218

Sweetspot

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



42.2713, 72.8685, 23.5509



75.6211, 25.7508, 7.1309



40.8561, 84.6399, -87.4018



33.5802, 14.0200, 3.5535

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.2713, 72.8685, 23.5509



46.3665, 79.9186, 25.9726



47.0219, 56.2136, 29.9566



38.8629, 1.7518, 2.3700



31.5567, 54.4488, 17.2362



8.9182, 15.5359, 3.7227

Inverse Universe

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



42.2713, 72.8685, 23.5509



46.3665, 79.9186, 25.9726



57.2145, -11.6334, -46.3963



38.8629, 1.7518, 2.3700



31.5567, 54.4488, 17.2362



8.9182, 15.5359, 3.7227

Previews

White Background



This preview shows how the HunterLab color 42.2699, 72.8739, 23.5501 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 42.2699, 72.8739, 23.5501 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 42.2699, 72.8739, 23.5501 Background



This preview shows how black text looks on a background with the HunterLab color 42.2699, 72.8739, 23.5501.



This preview shows how white text looks on a background with the HunterLab color 42.2699, 72.8739, 23.5501.

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

42.2699, 72.8739, 23.5501

Protanopia

42.9191, -4.3835, 17.6622

Deuteranopia

42.8754, 2.8395, 24.8619



Tritanopia

42.4603, 69.4682, 27.3800

Trichromacy



Original Color

42.2699, 72.8739, 23.5501

Protanomaly

37.2342, 29.0815, 15.7290

Deuteranomaly

38.1914, 34.5489, 21.5471

Tritanomaly

42.2146, 70.6373, 26.5043

Monochromacy



Original Color

42.2699, 72.8739, 23.5501

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

27.5025, 28.7328, 6.6687

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.2699, 72.8739, 23.5501 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, 47)` looks like.

```
.text, #text, p{  
  color:rgb(235, 0, 47)  
}
```

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, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 0, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 42.2699, 72.8739, 23.5501 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, 47) }
```


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

```
.border{ border-color:rgb(235, 0, 47) }
```

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, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 0, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 0, 47);  
box-shadow:4px 4px 4px 4px rgb(235, 0, 47)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 42.2699, 72.8739, 23.5501 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, 47) }
```

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

```
.background{ background-color: rgb(235, 0,  
47) }
```

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