

Converting Colors

HunterLab(42.8851, 73.5341,
26.9986)

Have a look what the booklet for
HunterLab(42.8851, 73.5341,
26.9986) contains.

HunterLab(42.8850, 73.5362, 26.9797)	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(42.8850, 73.5362,
26.9797)**

Conversions

Conversions Part 1

Format	Color
Hex	EF0011
RGB	239, 0, 17
RGB Percent	94%, 0%, 7%
CMY	0.0627, 0.9998, 0.9333
CMYK	0.00, 1.00, 0.93, 0.06
HSL	356°, 100%, 47%
HSV	356°, 100%, 94%
XYZ	35.6978, 18.3912, 2.1987
YIQ	73.3990, 136.9870, 55.9550

Conversions

Conversions Part 2

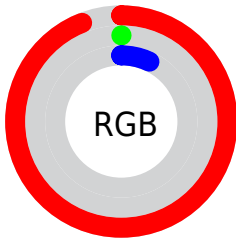
Format	Color
R_{YB}	239, 0, 17
Decimal	15663121
CIE _{Lab}	49.97, 76.40, 59.27
CIE _{LCh}	50, 96.699, 37.805
Yxy	18.3924, 0.6342, 0.3267
Android (android.graphics.Color)	4293853201 (0xFFEF0011)
YUV	73.3990, -27.8047, 145.2321
Hunter-Lab	42.8850, 73.5362, 26.9797

Details

The HunterLab color **42.8850, 73.5362, 26.9797** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark washed red. A complement of this color would be **81.8597, -47.1793, -0.4683**, and the grayscale version is **26.0280, -1.3888, 1.4142**.

A 20% lighter version of the original color is **54.3083, 56.7031, 28.6599**, and **29.6153, 50.7171, 19.1367** is the 20% darker color. If you saturate the color by 10%, you get **42.8846, 73.5352, 26.9826**, and if you desaturate by 10%, it is **43.7609, 71.4524, 25.5911**.

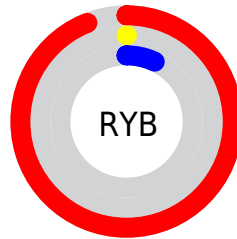
Distribution



Red (94%)

Green (0%)

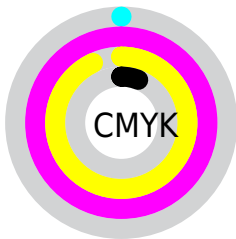
Blue (7%)



Red (94%)

Yellow (0%)

Blue (7%)

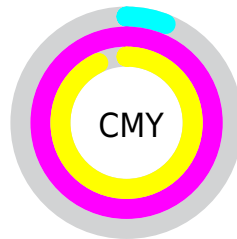


Cyan (0%)

Magenta (100%)

Yellow (93%)

Black (6%)



Cyan (6%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.8850, 73.5362, 26.9797 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 42.8850, 73.5362, 26.9797 by changing the saturation by 10% instead.

■ 42.8850, 73.5362,
26.9797

■ 42.8850, 73.5362,
26.9797

155.9082, 92.4927,
61.4501

■ 33.5143, 71.1479,
22.2681

■ 63.8004, 78.2996,
35.7594

■ 24.9463, 68.9319,
17.4624

■ 75.2501, 80.5916,
39.8346

■ 17.2663, 67.2335,
12.0864

■ 87.3130, 82.7987,
43.7396

■ 10.5922, 67.0647,
7.4146

■ 99.9595, 84.9157,
47.4993

0.0000, INF, NaN

0.0000, INF, NaN

■ 113.1636, 86.9417,
51.1344


0.0000, NaN, NaN


■ 126.9028, 88.8781,


0.0000, NaN, NaN


54.6621


0.0000, NaN, NaN


 141.1570, 90.7274,
58.0966


 42.8850, 73.5362,
26.9797


 42.8850, 73.5362,
26.9797


 42.8846, 73.5352,
26.9826

 43.7609, 71.4524,
25.5911

 45.6011, 66.9918,
23.4558

 48.5682, 60.1178,
20.8363

 52.6229, 51.5325,
18.0190

 57.6520, 42.0228,
15.2480

■ 63.5169, 32.2038,
12.6760

■ 70.0829, 22.4569,
10.3710

■ 77.2337, 12.9743,
8.3446

■ 84.8738, 3.8271,
6.5788

Harmonies

Analogous

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



42.8864, 98.8152, 10.8595



42.8850, 73.5362, 26.9797



42.8864, 29.5079, 30.0205

Triad

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



42.8864, 73.5306, 26.9804



42.8864, -51.6518, 21.3598



42.8864, 8.2630, -143.0998

Complementary

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



42.8850, 73.5362, 26.9797



81.8597, -47.1793, -0.4683

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.



42.8864, -26.8843, -128.0215



42.8850, 73.5362, 26.9797



42.8864, -53.8389, -8.4050

Square

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



42.8864, 73.5306, 26.9804



42.8864, -38.9668, 29.0780



42.8864, -46.5937, -67.4271



42.8864, 53.3562, -99.3279

Rectangle

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



42.8850, 73.5362, 26.9797



42.8864, 0.5897, 30.0205



42.8864, -46.5937, -67.4271



42.8864, -5.0968, -145.1524

Sweetspot

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



42.8864, 73.5306, 26.9804



75.3377, 24.3071, 11.1934



46.1595, 92.5426, -74.8266



33.4343, 13.2876, 5.6479

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.8864, 73.5306, 26.9804



46.1562, 79.1390, 29.0873



52.3375, 45.2320, 33.0400



39.7203, 1.5755, 3.0268



31.8906, 54.7049, 19.8996



9.2323, 15.9050, 5.2339

Inverse Universe

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



42.8864, 73.5306, 26.9804



46.1562, 79.1390, 29.0873



49.8256, 1.9286, -66.4364



39.7203, 1.5755, 3.0268



31.8906, 54.7049, 19.8996



9.2323, 15.9050, 5.2339

Previews

White Background



This preview shows how the HunterLab color 42.8850, 73.5362, 26.9797 looks on a white 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

Black Background



This preview shows how the HunterLab color 42.8850, 73.5362, 26.9797 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 42.8850, 73.5362, 26.9797 Background



This preview shows how black text looks on a background with the HunterLab color 42.8850, 73.5362, 26.9797.



This preview shows how white text looks on a background with the HunterLab color 42.8850, 73.5362,

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

42.8850, 73.5362, 26.9797

Protanopia

43.5495, -5.7990, 24.2370

Deuteranopia

43.5165, 2.1087, 26.8516



Tritanopia

43.1026, 70.3931, 27.7920

Trichromacy



Original Color

42.8850, 73.5362, 26.9797

Protanomaly

37.7965, 28.8847, 21.8689

Deuteranomaly

38.6893, 34.6372, 24.1825

Tritanomaly

43.0167, 71.8215, 27.5266

Monochromacy



Original Color

42.8850, 73.5362, 26.9797

Achromatopsia

25.8120, -1.3773, 1.4024

Achromatomaly

26.8283, 28.1840, 9.5813

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.8850, 73.5362, 26.9797 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(239, 0, 17)` looks like.

```
.text, #text, p{  
    color:rgb(239, 0, 17)  
}
```

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(239, 0, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 0, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 42.8850, 73.5362, 26.9797 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(239, 0, 17) }
```


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

```
.border{ border-color:rgb(239, 0, 17) }
```

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

Here you see how a box with a 4 pixel rgb(239, 0, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 0, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 0, 17);  
box-shadow:4px 4px 4px 4px rgb(239, 0, 17)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 42.8850, 73.5362, 26.9797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 0, 17) }
```

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

```
.background{ background-color: rgb(239, 0,  
17) }
```

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