

Converting Colors

HunterLab(15.2002, 23.5717,
4.1420)

Have a look what the booklet for
HunterLab(15.2002, 23.5717,
4.1420) contains.

HunterLab(15.2690, 23.5792, 4.2344)	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(15.2690, 23.5792,
4.2344)**

Conversions

Conversions Part 1

Format	Color
Hex	570921
RGB	87, 9, 33
RGB Percent	34%, 4%, 13%
CMY	0.6588, 0.9647, 0.8706
CMYK	0.00, 0.90, 0.62, 0.66
HSL	342°, 81%, 19%
HSV	342°, 90%, 34%
XYZ	4.3027, 2.3314, 1.6621
YIQ	35.0580, 38.7840, 24.0000

Conversions

Conversions Part 2

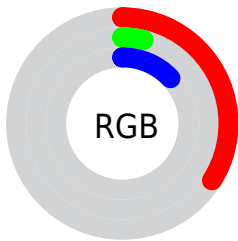
Format	Color
R_{YB}	87, 9, 33
Decimal	5703969
CIE _{Lab}	17.14, 35.36, 7.52
CIE _{LCh}	17, 36.150, 12.012
Yxy	2.3316, 0.5186, 0.2810
Android (android.graphics.Color)	4283894049 (0xFF570921)
YUV	35.0580, -1.0146, 45.5531
Hunter-Lab	15.2690, 23.5792, 4.2344

Details

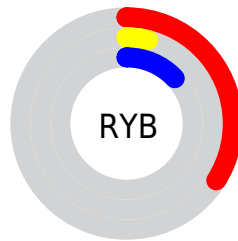
The HunterLab color **15.2690, 23.5792, 4.2344** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **26.8951, -17.7424, 5.8929**, and the grayscale version is **12.9783, -0.6925, 0.7051**.

A 20% lighter version of the original color is **31.0545, 26.3946, 6.1927**, and **6.2889, 10.8048, 3.7936** is the 20% darker color. If you saturate the color by 10%, you get **14.5324, 25.3132, 5.1733**, and if you desaturate by 10%, it is **16.1122, 21.7529, 3.2383**.

Distribution



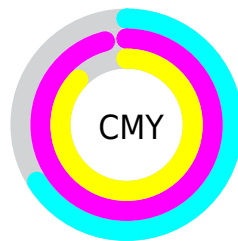
- Red (34%)
- Green (4%)
- Blue (13%)



- Red (34%)
- Yellow (4%)
- Blue (13%)



- Cyan (0%)
- Magenta (90%)
- Yellow (62%)
- Black (66%)





- Cyan (66%)
- Magenta (96%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 15.2690, 23.5792, 4.2344 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 15.2690, 23.5792, 4.2344 by changing the saturation by 10% instead.

 15.2690, 23.5792,
4.2344

 15.2690, 23.5792,
4.2344


 109.3722, 33.7679,
13.1965

 8.8901, 22.0854,
3.9917


 31.0052, 26.6593,
6.2246

0.0000, INF, NaN

0.0000, NaN, NaN


 40.1569, 28.0093,
7.1977

0.0000, NaN, NaN

 50.0653, 29.2316,
8.1716

0.0000, NaN, NaN

0.0000, NaN, NaN

 60.6765, 30.3362,
9.1522

0.0000, NaN, NaN


 71.9467, 31.3333,
10.1431


0.0000, NaN, NaN


 83.8393, 32.2323,


0.0000, NaN, NaN


11.1464


 96.3234, 33.0414,
12.1639


 15.2690, 23.5792,
4.2344


 15.2690, 23.5792,
4.2344


 14.5324, 25.3132,
5.1733


 16.1122, 21.7529,
3.2383

 14.5061, 25.3802,
5.2031

 17.2424, 19.3465,
2.4101

 18.6393, 16.5448,
1.7865

 20.2721, 13.5234,
1.3709

 22.1086, 10.4123,
1.1478

■ 24.1190, 7.2945,
1.0926

■ 26.2777, 4.2163,
1.1798

■ 28.5632, 1.1991,
1.3855

■ 30.9581, -1.7502,
1.6895

Harmonies

Analogous

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



15.2695, 22.7560, -6.1496



15.2690, 23.5792, 4.2344



15.2695, 16.7187, 9.2347

Triad

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



15.2695, 23.5776, 4.2348



15.2695, -11.8756, 9.9582



15.2695, -6.4274, -29.8216

Complementary

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



15.2690, 23.5792, 4.2344



26.8951, -17.7424, 5.8929

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.



15.2695, -12.8538, -17.7424



15.2690, 23.5792, 4.2344



15.2695, -15.3812, 5.5539

Square

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



15.2695, 23.5776, 4.2348



15.2695, -4.6970, 10.6886



15.2695, -15.6844, -3.5979



15.2695, 3.4971, -31.1309

Rectangle

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



15.2690, 23.5792, 4.2344



15.2695, 9.5545, 10.6886



15.2695, -15.6844, -3.5979



15.2695, -8.9931, -26.6407

Sweetspot

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



15.2695, 23.5776, 4.2348



31.9961, 8.8093, 1.4350



13.8476, 25.0547, -29.6348



15.5523, 4.7228, 0.7049



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



15.2695, 23.5776, 4.2348



18.9113, 33.0128, 7.3630



16.3431, 18.2804, 9.4523



14.5904, 0.4761, 0.7143



18.0042, 31.4410, 6.9189



42.5021, 73.8922, 18.8898

Inverse Universe

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



15.2695, 23.5776, 4.2348



18.9113, 33.0128, 7.3630



23.3926, -8.9191, -8.5953



14.5904, 0.4761, 0.7143



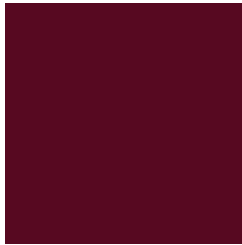
18.0042, 31.4410, 6.9189



42.5021, 73.8922, 18.8898

Previews

White Background



This preview shows how the HunterLab color 15.2690, 23.5792, 4.2344 looks on a white background.

Color Contrast Check

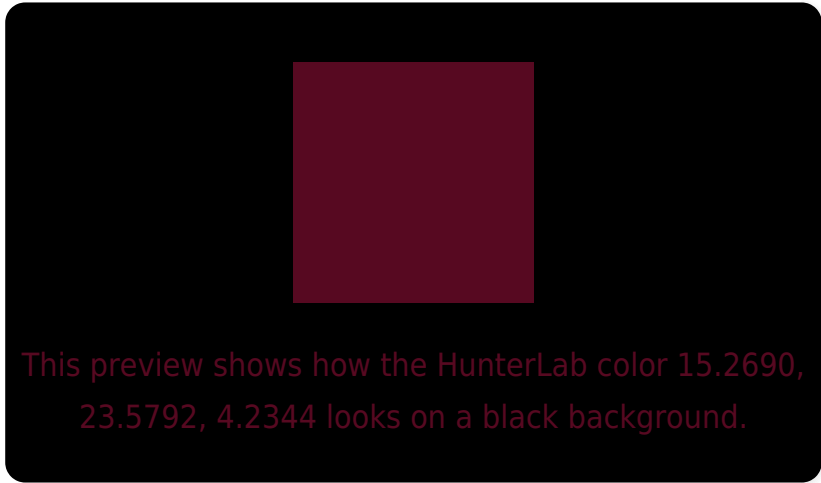
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

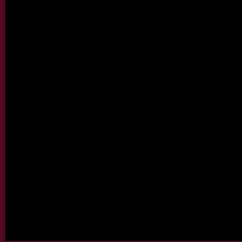
Any Text WCAG AA × Fail

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 15.2690, 23.5792, 4.2344 Background



This preview shows how black text looks on a background with the HunterLab color 15.2690, 23.5792, 4.2344.



This preview shows how white text looks on a background with the HunterLab color 15.2690, 23.5792,

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

15.2690, 23.5792, 4.2344

Protanopia

16.2729, -0.4614, -0.1691

Deuteranopia

16.1268, 0.6335, 5.6748



Tritanopia

15.3446, 20.7807, 8.0728

Trichromacy



Original Color

15.2690, 23.5792, 4.2344

Protanomaly

14.7245, 8.3701, 0.0168

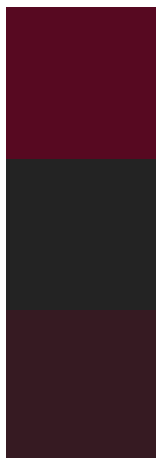
Deuteranomaly

14.9397, 9.3541, 4.4949

Tritanomaly

15.2454, 21.6356, 6.8209

Monochromacy



Original Color

15.2690, 23.5792, 4.2344

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.8006, 7.9906, 1.0179

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.2690, 23.5792, 4.2344 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(87, 9, 33)` looks like.

```
.text, #text, p{  
    color:rgb(87, 9, 33)  
}
```

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(87, 9, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 9, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 15.2690, 23.5792, 4.2344 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(87, 9, 33) }
```


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

```
.border{ border-color:rgb(87, 9, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 9, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 9, 33); -webkit-box-shadow:4px  
4px 4px 4px rgb(87, 9, 33); box-shadow:4px  
4px 4px 4px rgb(87, 9, 33) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.2690, 23.5792, 4.2344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 9, 33) }
```

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

```
.background{ background-color: rgb(87, 9,  
33) }
```

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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