

Converting Colors

HunterLab(20.9884, 39.4311,
8.3169)

Have a look what the booklet for
HunterLab(20.9884, 39.4311,
8.3169) contains.

HunterLab(21.5836, 37.6412, 8.6859)	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(21.5836, 37.6412,
8.6859)**

Conversions

Conversions Part 1

Format	Color
Hex	7F0027
RGB	127, 0, 39
RGB Percent	50%, 0%, 15%
CMY	0.5020, 0.9999, 0.8471
CMYK	0.00, 1.00, 0.69, 0.50
HSL	342°, 100%, 25%
HSV	342°, 100%, 50%
XYZ	9.1186, 4.6585, 2.3381
YIQ	42.4190, 63.1730, 39.0530

Conversions

Conversions Part 2

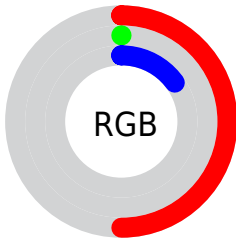
Format	Color
RYB	127, 0, 39
Decimal	8323111
CIELab	25.74, 48.98, 16.37
CIELCh	26, 51.646, 18.485
Yxy	4.6588, 0.5658, 0.2891
Android (android.graphics.Color)	4286513191 (0xFF7F0027)
YUV	42.4190, -1.6856, 74.1775
Hunter-Lab	21.5836, 37.6412, 8.6859

Details

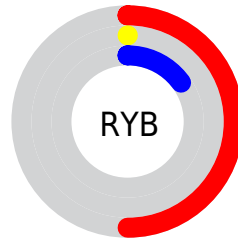
The HunterLab color **21.5836, 37.6412, 8.6859** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **39.8542, -27.8609, 10.3307**, and the grayscale version is **15.3463, -0.8188, 0.8338**.

A 20% lighter version of the original color is **38.8504, 41.6245, 11.8678**, and **11.4109, 19.5416, 7.3735** is the 20% darker color. If you saturate the color by 10%, you get **21.5834, 37.6406, 8.6881**, and if you desaturate by 10%, it is **22.3705, 36.0329, 7.0610**.

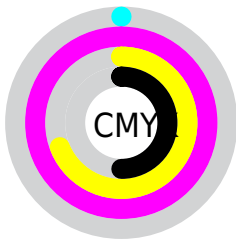
Distribution



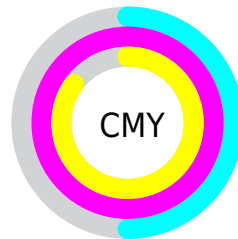
- Red (50%)
- Green (0%)
- Blue (15%)



- Red (50%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (69%)
- Black (50%)



- Cyan (50%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.5836, 37.6412, 8.6859 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 21.5836, 37.6412, 8.6859 by changing the saturation by 10% instead.

■ 21.5836, 37.6412,
8.6859

■ 21.5836, 37.6412,
8.6859

121.0286, 51.3874,
22.2971

■ 14.3126, 35.7697,
6.9017

■ 38.8293, 41.4083,
11.9934

■ 7.9713, 35.5146,
5.5799

■ 48.6354, 43.1530,
13.5392

0.0000, INF, NaN

0.0000, NaN, NaN

■ 59.1511, 44.7845,
15.0436

0.0000, NaN, NaN

■ 70.3314, 46.3046,
16.5201

0.0000, NaN, NaN

■ 82.1389, 47.7187,
17.9779


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 94.5419, 49.0330,


19.4235


0.0000, NaN, NaN


 107.5131, 50.2539,
20.8620


 21.5836, 37.6412,
8.6859


 21.5836, 37.6412,
8.6859


 21.5834, 37.6406,
8.6881

 22.3705, 36.0329,
7.0610

 23.4874, 33.6606,
5.4215

 25.0837, 30.2185,
4.0193

 27.1305, 26.0191,
2.9363

 29.5785, 21.3793,
2.1943

■ 32.3726, 16.5449,
1.7745

■ 35.4605, 11.6758,
1.6378

■ 38.7970, 6.8614,
1.7401

■ 42.3446, 2.1437,
2.0404

Harmonies

Analogous

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



21.5843, 39.2562, -5.7128



21.5836, 37.6412, 8.6859



21.5843, 23.9796, 14.0130

Triad

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



21.5843, 37.6386, 8.6864



21.5843, -20.0547, 13.1604



21.5843, -7.0945, -53.7384

Complementary

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



21.5836, 37.6412, 8.6859



39.8542, -27.8609, 10.3307

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.



21.5843, -18.3308, -35.5218



21.5836, 37.6412, 8.6859



21.5843, -24.1774, 6.3466

Square

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



21.5843, 37.6386, 8.6864



21.5843, -10.2692, 15.1090



21.5843, -23.6583, -10.6651



21.5843, 9.7836, -51.0362

Rectangle

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



21.5836, 37.6412, 8.6859



21.5843, 11.6734, 15.1090



21.5843, -23.6583, -10.6651



21.5843, -11.5438, -49.5154

Sweetspot

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



21.5843, 37.6386, 8.6864



47.1414, 16.0959, 2.1935



18.8379, 40.3899, -50.8800



22.0847, 8.9066, 1.0777



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



21.5843, 37.6386, 8.6864



28.8410, 50.2163, 12.2391



22.6641, 31.7305, 14.5199



20.8910, 0.8474, 1.0161



21.6748, 37.7989, 8.7328

0.0000, NaN, NaN

Inverse Universe

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



21.5843, 37.6386, 8.6864



28.8410, 50.2163, 12.2391



33.7292, -12.7037, -14.7333



20.8910, 0.8474, 1.0161

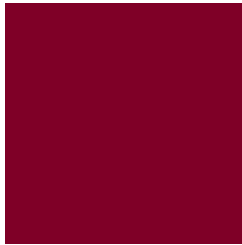


21.6748, 37.7989, 8.7328

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 21.5836, 37.6412, 8.6859 looks on a white background.

Color Contrast Check

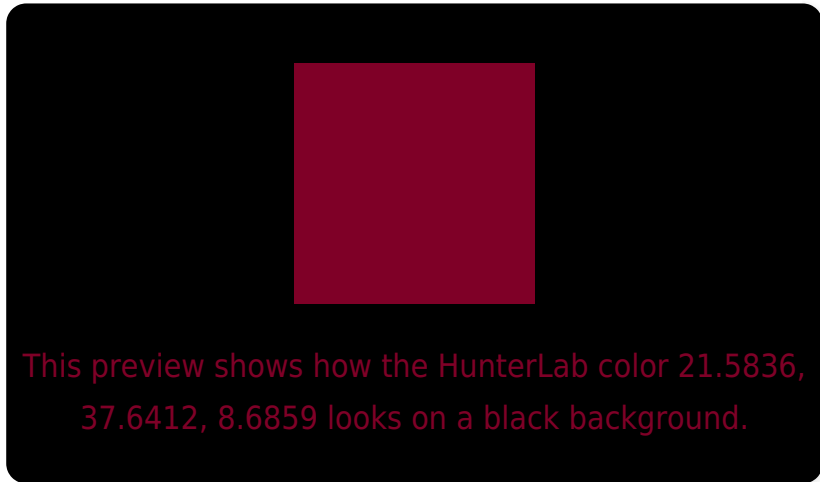
Large Text (above 18pt) WCAG AA ✓ Pass

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

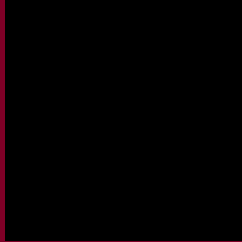
Any Text WCAG AA × Fail

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 21.5836, 37.6412, 8.6859 Background



This preview shows how black text looks on a background with the HunterLab color 21.5836, 37.6412, 8.6859.



This preview shows how white text looks on a background with the HunterLab color 21.5836, 37.6412,

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

21.5836, 37.6412, 8.6859

Protanopia

23.0543, -1.3387, 3.8879

Deuteranopia

22.9358, 1.1520, 10.4337



Tritanopia

21.9892, 33.4581, 13.1087

Trichromacy



Original Color

21.5836, 37.6412, 8.6859

Protanomaly

19.8714, 14.7226, 3.1576

Deuteranomaly

20.2824, 16.9462, 8.1464

Tritanomaly

21.7040, 34.8651, 11.9107

Monochromacy



Original Color

21.5836, 37.6412, 8.6859

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.3637, 14.2403, 1.6206

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.5836, 37.6412, 8.6859 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(127, 0, 39)` looks like.

```
.text, #text, p{  
    color:rgb(127, 0, 39)  
}
```

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(127, 0, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 0, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 21.5836, 37.6412, 8.6859 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(127, 0, 39) }
```


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

```
.border{ border-color:rgb(127, 0, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 0, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 0, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 0, 39);  
box-shadow:4px 4px 4px 4px rgb(127, 0, 39)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.5836, 37.6412, 8.6859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 0, 39) }
```

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

```
.background{ background-color: rgb(127, 0,  
39) }
```

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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