

Converting Colors

HunterLab(21.7121, 37.3991,
12.3512)

Have a look what the booklet for
HunterLab(21.7121, 37.3991,
12.3512) contains.

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Color

**HunterLab(21.7121, 37.3991,
12.3512)**

Conversions

Conversions Part 1

Format	Color
Hex	810013
RGB	129, 0, 19
RGB Percent	51%, 0%, 7%
CMY	0.4941, 0.9999, 0.9255
CMYK	0.00, 1.00, 0.85, 0.49
HSL	351°, 100%, 25%
HSV	351°, 100%, 51%
XYZ	9.1708, 4.7142, 1.0427
YIQ	40.7370, 70.7850, 33.2570

Conversions

Conversions Part 2

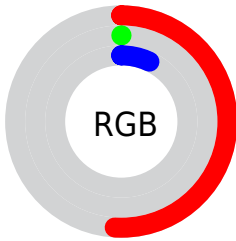
Format	Color
R_YB	129, 0, 19
Decimal	8454163
CIE Lab	25.91, 48.70, 29.78
CIE LCh	26, 57.086, 31.442
Yxy	4.7145, 0.6143, 0.3158
Android (android.graphics.Color)	4286644243 (0xFF810013)
YUV	40.7370, -10.7163, 77.4067
Hunter-Lab	21.7121, 37.3991, 12.3512

Details

The HunterLab color **21.7121, 37.3991, 12.3512** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **41.0203, -25.3737, 3.5041**, and the grayscale version is **14.8257, -0.7911, 0.8055**.

A 20% lighter version of the original color is **38.9627, 41.1385, 17.7937**, and **11.5741, 19.8210, 7.4789** is the 20% darker color. If you saturate the color by 10%, you get **21.7119, 37.3986, 12.3527**, and if you desaturate by 10%, it is **22.4645, 35.6199, 11.2240**.

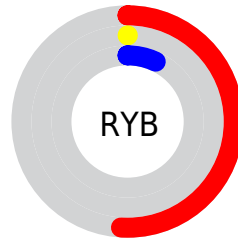
Distribution



Red (51%)

Green (0%)

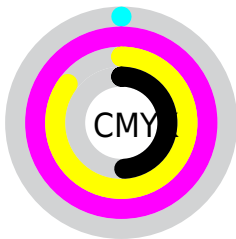
Blue (7%)



Red (51%)

Yellow (0%)

Blue (7%)

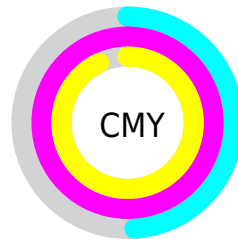


Cyan (0%)

Magenta (100%)

Yellow (85%)

Black (49%)



Cyan (49%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.7121, 37.3991, 12.3512 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 21.7121, 37.3991, 12.3512 by changing the saturation by 10% instead.

■ 21.7121, 37.3991,
12.3512

■ 21.7121, 37.3991,
12.3512

■ 121.2568, 51.0501,
33.4993

■ 14.4247, 35.5265,
10.0973

■ 38.9856, 41.1491,
17.8569

■ 8.0855, 35.0649,
5.6598

■ 48.8038, 42.8828,
20.3431

0.0000, INF, NaN

0.0000, NaN, NaN

■ 59.3309, 44.5028,
22.7097

0.0000, NaN, NaN

■ 70.5218, 46.0115,
24.9844

0.0000, NaN, NaN

■ 82.3394, 47.4141,
27.1874

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 94.7521, 48.7173,


29.3337


0.0000, NaN, NaN


 107.7325, 49.9273,
31.4347


 21.7121, 37.3991,
12.3512


 21.7121, 37.3991,
12.3512


 21.7119, 37.3986,
12.3527

 22.4645, 35.6199,
11.2240

 23.5751, 33.0871,
9.8295

 25.1942, 29.5180,
8.3947

 27.2907, 25.2447,
7.0400

 29.8108, 20.5949,
5.8423

■ 32.6943, 15.8147,
4.8344

■ 35.8852, 11.0567,
4.0182

■ 39.3348, 6.4004,
3.3789

■ 43.0032, 1.8780,
2.8954

Harmonies

Analogous

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



21.7128, 45.9501, 2.0017



21.7121, 37.3991, 12.3512



21.7128, 18.1868, 15.1990

Triad

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



21.7128, 37.3963, 12.3516



21.7128, -24.1096, 11.8212



21.7128, -0.2736, -65.1759

Complementary

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



21.7121, 37.3991, 12.3512



41.0203, -25.3737, 3.5041

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.



21.7128, -15.4609, -52.9391



21.7121, 37.3991, 12.3512



21.7128, -26.2061, 0.3289

Square

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



21.7128, 37.3963, 12.3516



21.7128, -16.5406, 15.1990



21.7128, -23.6457, -24.2746



21.7128, 20.2286, -50.5673

Rectangle

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



21.7121, 37.3991, 12.3512



21.7128, 4.2859, 15.1990



21.7128, -23.6457, -24.2746



21.7128, -6.1165, -64.0301

Sweetspot

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



21.7128, 37.3963, 12.3516



47.7041, 15.2479, 5.4471



22.0863, 44.9954, -41.3559



21.9668, 8.3132, 2.7633



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.



21.7128, 37.3963, 12.3516



29.0293, 49.9520, 16.9101



25.6050, 24.8889, 16.2123



20.8657, 0.7115, 1.3762



21.4400, 36.9322, 12.1828

0.0000, NaN, NaN

Inverse Universe

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



21.7128, 37.3963, 12.3516



29.0293, 49.9520, 16.9101



28.1128, -3.9785, -26.5481



20.8657, 0.7115, 1.3762

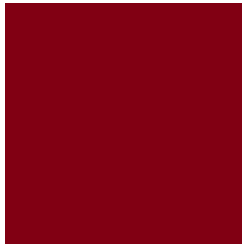


21.4400, 36.9322, 12.1828

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 21.7121, 37.3991, 12.3512 looks on a white background.

Color Contrast Check

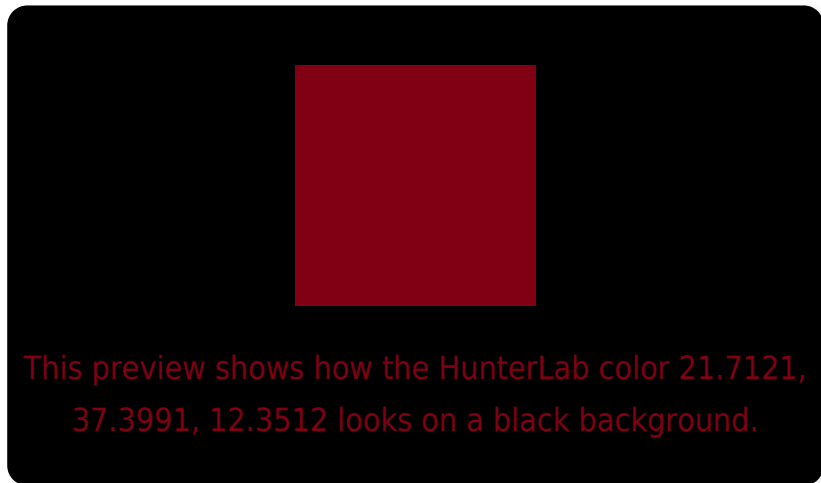
Large Text (above 18pt) WCAG AA ✓ Pass

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

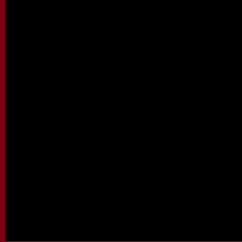
Any Text WCAG AA × Fail

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 21.7121, 37.3991, 12.3512 Background



This preview shows how black text looks on a background with the HunterLab color 21.7121, 37.3991, 12.3512.



This preview shows how white text looks on a background with the HunterLab color 21.7121, 37.3991,

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

21.7121, 37.3991, 12.3512

Protanopia

22.9287, -2.6784, 10.7296

Deuteranopia

22.8891, 0.5142, 14.1131



Tritanopia

22.0276, 34.6550, 14.1800

Trichromacy



Original Color

21.7121, 37.3991, 12.3512

Protanomaly

19.9804, 14.2143, 9.4837

Deuteranomaly

20.2954, 16.4574, 12.2068

Tritanomaly

21.8591, 35.4627, 13.5451

Monochromacy



Original Color

21.7121, 37.3991, 12.3512

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

15.0501, 13.8875, 3.8486

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.7121, 37.3991, 12.3512 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(129, 0, 19)` looks like.

```
.text, #text, p{  
    color:rgb(129, 0, 19)  
}
```

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(129, 0, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 0, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 21.7121, 37.3991, 12.3512 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(129, 0, 19) }
```


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

```
.border{ border-color:rgb(129, 0, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 0, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 0, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 0, 19);  
box-shadow:4px 4px 4px 4px rgb(129, 0, 19)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.7121, 37.3991, 12.3512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 0, 19) }
```

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

```
.background{ background-color: rgb(129, 0,  
19) }
```

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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