

Converting Colors

HunterLab(19.3460, 59.1594,
7.6109)

Have a look what the booklet for
HunterLab(19.3460, 59.1594,
7.6109) contains.

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Color

**HunterLab(23.7119, 41.1706,
10.9555)**

Conversions

Conversions Part 1

Format	Color
Hex	8B0025
RGB	139, 0, 37
RGB Percent	55%, 0%, 15%
CMY	0.4549, 0.9999, 0.8549
CMYK	0.00, 1.00, 0.73, 0.45
HSL	344°, 100%, 27%
HSV	344°, 100%, 55%
XYZ	10.9814, 5.6225, 2.2567
YIQ	45.7790, 70.9670, 40.9750

Conversions

Conversions Part 2

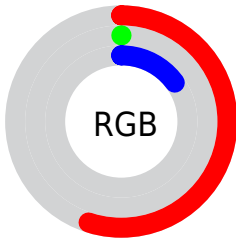
Format	Color
RYB	139, 0, 37
Decimal	9109541
CIELab	28.44, 51.97, 21.68
CIElCh	28, 56.314, 22.646
Yxy	5.6229, 0.5822, 0.2981
Android (android.graphics.Color)	4287299621 (0xFF8B0025)
YUV	45.7790, -4.3280, 81.7548
Hunter-Lab	23.7119, 41.1706, 10.9555

Details

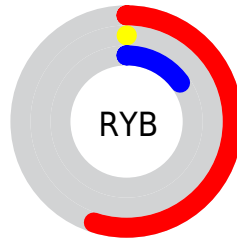
The HunterLab color **23.7119, 41.1706, 10.9555** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **44.0737, -30.0192, 9.7161**, and the grayscale version is **16.4566, -0.8781, 0.8941**.

A 20% lighter version of the original color is **41.3721, 45.0764, 15.1264**, and **13.2262, 22.6503, 8.5465** is the 20% darker color. If you saturate the color by 10%, you get **23.7116, 41.1699, 10.9580**, and if you desaturate by 10%, it is **24.5106, 39.5489, 9.2386**.

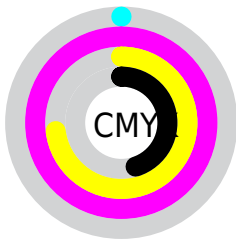
Distribution



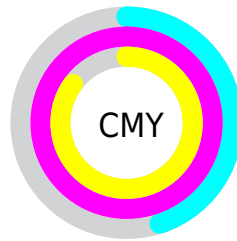
- Red (55%)
- Green (0%)
- Blue (15%)



- Red (55%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (73%)
- Black (45%)



- Cyan (45%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.7119, 41.1706, 10.9555 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 23.7119, 41.1706, 10.9555 by changing the saturation by 10% instead.

■ 23.7119, 41.1706,
10.9555

■ 23.7119, 41.1706,
10.9555

■ 124.7693, 55.5521,
27.3472

■ 16.1776, 39.2334,
8.7337

■ 41.4048, 45.0589,
15.0479

■ 9.6711, 37.7183,
6.7698

■ 51.4075, 46.8709,
16.9367

0.0000, INF, NaN

0.0000, INF, NaN

■ 62.1067, 48.5733,
18.7593

0.0000, NaN, NaN

■ 73.4598, 50.1667,
20.5331

0.0000, NaN, NaN

■ 85.4311, 51.6556,
22.2707


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 97.9901, 53.0456,


23.9812


0.0000, NaN, NaN


 111.1105, 54.3425,
25.6715


 23.7119, 41.1706,
10.9555


 23.7119, 41.1706,
10.9555


 23.7116, 41.1699,
10.9580

 24.5106, 39.5489,
9.2386

 25.7105, 36.9788,
7.4415

 27.4544, 33.2045,
5.8246

 29.7114, 28.5775,
4.4980

 32.4251, 23.4597,
3.5064

■ 35.5322, 18.1320,
2.8448

■ 38.9726, 12.7755,
2.4807

■ 42.6942, 7.4900,
2.3723

■ 46.6540, 2.3211,
2.4780

Harmonies

Analogous

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



23.7126, 45.1806, -3.4487



23.7119, 41.1706, 10.9555



23.7126, 24.3297, 15.8522

Triad

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



23.7126, 41.1676, 10.9560



23.7126, -23.3933, 13.9950



23.7126, -5.6393, -62.5136

Complementary

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



23.7119, 41.1706, 10.9555



44.0737, -30.0192, 9.7161

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.



23.7126, -19.1828, -44.2668



23.7119, 41.1706, 10.9555



23.7126, -27.1933, 5.2173

Square

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



23.7126, 41.1676, 10.9560



23.7126, -13.4402, 16.5989



23.7126, -25.9314, -15.7300



23.7126, 14.0001, -55.7662

Rectangle

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



23.7119, 41.1706, 10.9555



23.7126, 10.2718, 16.5989



23.7126, -25.9314, -15.7300



23.7126, -10.9488, -58.8103

Sweetspot

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



23.7126, 41.1676, 10.9560



51.8352, 17.5716, 3.3409



21.6463, 45.6765, -52.7656



24.0403, 9.7155, 1.6744



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



23.7126, 41.1676, 10.9560



31.6933, 54.9537, 15.2244



25.5856, 33.1962, 16.3457



22.5145, 0.9066, 1.1955



22.5324, 39.1335, 10.3270



1.8943, 3.4011, 0.0071

Inverse Universe

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



23.7126, 41.1676, 10.9560



31.6933, 54.9537, 15.2244



35.0575, -11.0786, -19.9014



22.5145, 0.9066, 1.1955



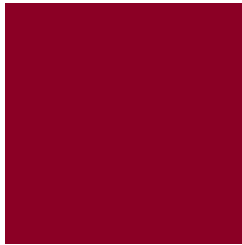
22.5324, 39.1335, 10.3270



1.8943, 3.4011, 0.0071

Previews

White Background



This preview shows how the HunterLab color 23.7119, 41.1706, 10.9555 looks on a white background.

Color Contrast Check

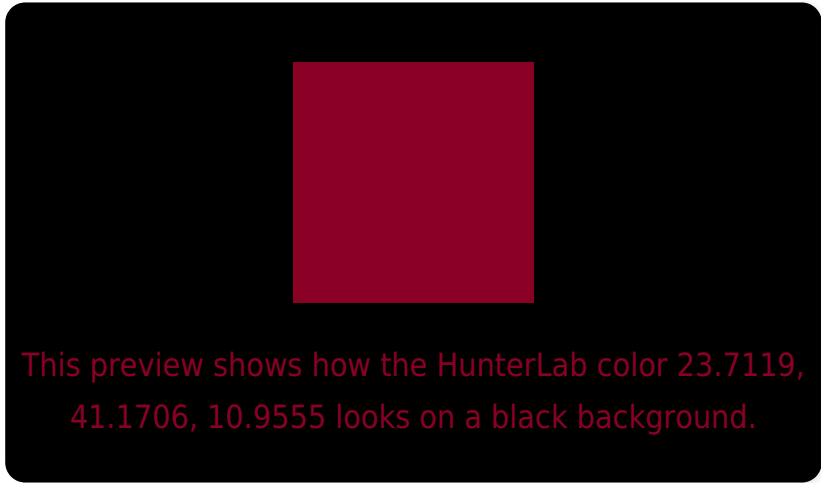
Large Text (above 18pt) WCAG AA ✓ Pass

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

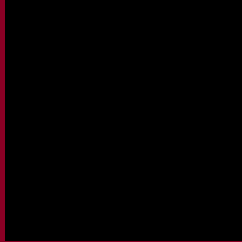
Any Text WCAG AA × Fail

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 23.7119, 41.1706, 10.9555 Background



This preview shows how black text looks on a background with the HunterLab color 23.7119, 41.1706, 10.9555.



This preview shows how white text looks on a background with the HunterLab color 23.7119, 41.1706,

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

23.7119, 41.1706, 10.9555

Protanopia

25.0563, -2.2126, 6.8481

Deuteranopia

24.8651, 1.4679, 12.4187



Tritanopia

24.0189, 37.5781, 14.6767

Trichromacy



Original Color

23.7119, 41.1706, 10.9555

Protanomaly

21.6491, 15.7808, 5.9582

Deuteranomaly

22.2786, 18.7145, 10.2264

Tritanomaly

23.8136, 38.6507, 13.7027

Monochromacy



Original Color

23.7119, 41.1706, 10.9555

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.6091, 15.8966, 2.3541

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.7119, 41.1706, 10.9555 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(139, 0, 37)` looks like.

```
.text, #text, p{  
    color:rgb(139, 0, 37)  
}
```

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(139, 0, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 0, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 23.7119, 41.1706, 10.9555 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(139, 0, 37) }
```


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

```
.border{ border-color:rgb(139, 0, 37) }
```

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

Here you see how a box with a 4 pixel rgb(139, 0, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 0, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 0, 37);  
box-shadow:4px 4px 4px 4px rgb(139, 0, 37)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.7119, 41.1706, 10.9555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 0, 37) }
```

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

```
.background{ background-color: rgb(139, 0,  
37) }
```

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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