

Converting Colors

HunterLab(14.9195, 85.4227,
-2.5494)

Have a look what the booklet for
HunterLab(14.9195, 85.4227,
-2.5494) contains.

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Color

**HunterLab(23.6123, 41.5253,
6.8194)**

Conversions

Conversions Part 1

Format	Color
Hex	890035
RGB	137, 0, 53
RGB Percent	54%, 0%, 21%
CMY	0.4627, 0.9999, 0.7922
CMYK	0.00, 1.00, 0.61, 0.46
HSL	337°, 100%, 27%
HSV	337°, 100%, 54%
XYZ	10.9591, 5.5754, 3.8667
YIQ	47.0050, 64.6390, 45.5270

Conversions

Conversions Part 2

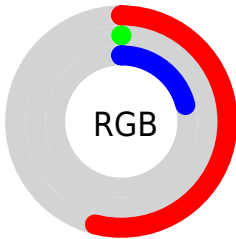
Format	Color
R_YB	137, 0, 53
Decimal	8978485
CIE Lab	28.32, 52.34, 10.67
CIE LCh	28, 53.420, 11.518
Yxy	5.5757, 0.5372, 0.2733
Android (android.graphics.Color)	4287168565 (0xFF890035)
YUV	47.0050, 2.9555, 78.9256
Hunter-Lab	23.6123, 41.5253, 6.8194

Details

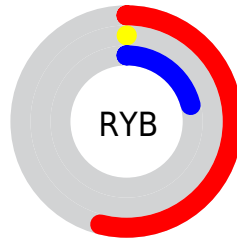
The HunterLab color **23.6123, 41.5253, 6.8194** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **43.0484, -31.6029, 14.4163**, and the grayscale version is **16.8401, -0.8985, 0.9150**.

A 20% lighter version of the original color is **41.2516, 45.5384, 9.2501**, and **13.1263, 22.6128, 7.4466** is the 20% darker color. If you saturate the color by 10%, you get **23.6120, 41.5245, 6.8223**, and if you desaturate by 10%, it is **24.4256, 40.0016, 4.8967**.

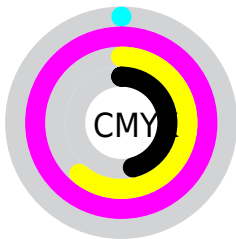
Distribution



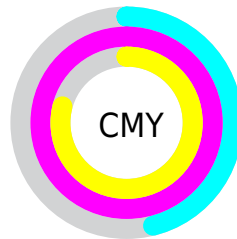
- Red (54%)
- Green (0%)
- Blue (21%)



- Red (54%)
- Yellow (0%)
- Blue (21%)



- Cyan (0%)
- Magenta (100%)
- Yellow (61%)
- Black (46%)



- Cyan (46%)
- Magenta (100%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.6123, 41.5253, 6.8194 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 23.6123, 41.5253, 6.8194 by changing the saturation by 10% instead.

■ 23.6123, 41.5253,
6.8194

■ 23.6123, 41.5253,
6.8194

124.5959, 56.0221,
17.3931

■ 16.0900, 39.5877,
5.5420

■ 41.2848, 45.4340,
9.2226

■ 9.5973, 38.0952,
5.1327

■ 51.2785, 47.2591,
10.3898

0.0000, INF, NaN

0.0000, INF, NaN

■ 61.9693, 48.9752,
11.5493

0.0000, NaN, NaN

■ 73.3145, 50.5825,
12.7072

0.0000, NaN, NaN

■ 85.2783, 52.0853,
13.8679

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 97.8301, 53.4889,


15.0344


0.0000, NaN, NaN


 110.9437, 54.7993,
16.2090


 23.6123, 41.5253,
6.8194


 23.6123, 41.5253,
6.8194


 23.6120, 41.5245,
6.8223

 24.4256, 40.0016,
4.8967

 25.6148, 37.5245,
3.1042

 27.3227, 33.8214,
1.7045

 29.5212, 29.2288,
0.7631

 32.1585, 24.1001,
0.2750

■ 35.1755, 18.7162,
0.1931

■ 38.5155, 13.2642,
0.4544

■ 42.1293, 7.8518,
0.9967

■ 45.9756, 2.5321,
1.7662

Harmonies

Analogous

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



23.6130, 39.8194, -11.2626



23.6123, 41.5253, 6.8194



23.6130, 29.5425, 14.1750

Triad

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



23.6130, 41.5225, 6.8200



23.6130, -19.6658, 14.9804



23.6130, -10.9993, -53.5917

Complementary

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



23.6123, 41.5253, 6.8194



43.0484, -31.6029, 14.4163

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.



23.6130, -21.5255, -31.2482



23.6123, 41.5253, 6.8194



23.6130, -25.4313, 9.3405

Square

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



23.6130, 41.5225, 6.8200



23.6130, -7.6050, 16.5291



23.6130, -25.9949, -6.0321



23.6130, 5.8322, -56.4086

Rectangle

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



23.6123, 41.5253, 6.8194



23.6130, 16.9998, 16.2016



23.6130, -25.9949, -6.0321



23.6130, -15.2470, -47.6271

Sweetspot

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



23.6130, 41.5225, 6.8200



51.2285, 18.2420, 0.5718



18.9990, 42.0375, -61.4137



23.4753, 9.8952, 0.1926



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



23.6130, 41.5225, 6.8200



31.5506, 55.3948, 9.8181



23.7168, 37.2948, 15.2658



22.5356, 1.0200, 0.8949



22.7939, 40.0950, 6.5139



1.9296, 3.5285, -0.4898

Inverse Universe

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



23.6130, 41.5225, 6.8200



31.5506, 55.3948, 9.8181



40.0588, -18.2536, -10.6641



22.5356, 1.0200, 0.8949



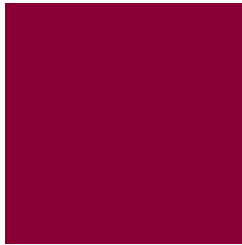
22.7939, 40.0950, 6.5139



1.9296, 3.5285, -0.4898

Previews

White Background



This preview shows how the HunterLab color 23.6123, 41.5253, 6.8194 looks on a white background.

Color Contrast Check

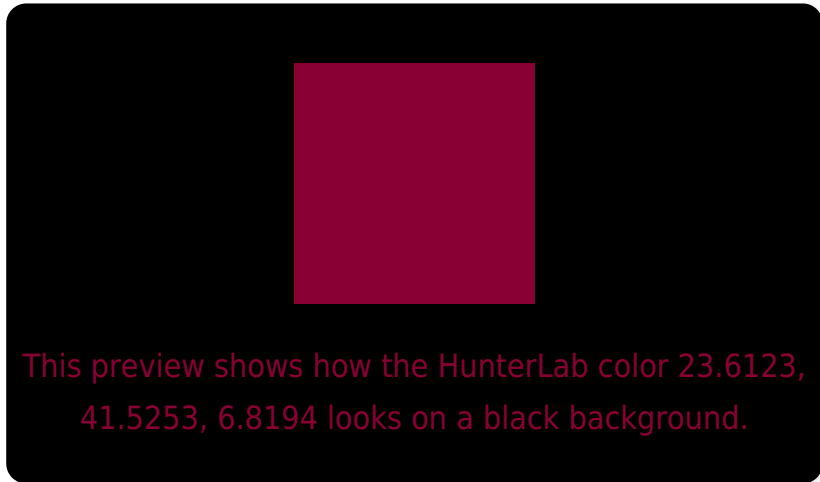
Large Text (above 18pt) WCAG AA ✓ Pass

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

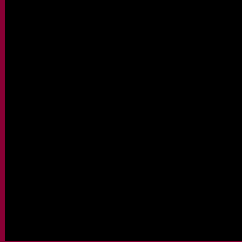
Any Text WCAG AA × Fail

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 23.6123, 41.5253, 6.8194 Background



This preview shows how black text looks on a background with the HunterLab color 23.6123, 41.5253, 6.8194.



This preview shows how white text looks on a background with the HunterLab color 23.6123, 41.5253, 6.8194.

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

23.6123, 41.5253, 6.8194

Protanopia

24.9364, -0.2921, -1.3333

Deuteranopia

24.7070, 1.3852, 8.7950



Tritanopia

24.1269, 35.8143, 13.8675

Trichromacy



Original Color

23.6123, 41.5253, 6.8194

Protanomaly

21.6190, 16.6429, -1.3854

Deuteranomaly

21.9842, 18.4593, 6.0332

Tritanomaly

23.7200, 37.9420, 11.8647

Monochromacy



Original Color

23.6123, 41.5253, 6.8194

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

16.8990, 16.1308, 0.5008

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.6123, 41.5253, 6.8194 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(137, 0, 53)` looks like.

```
.text, #text, p{  
    color:rgb(137, 0, 53)  
}
```

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(137, 0, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 0, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 23.6123, 41.5253, 6.8194 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(137, 0, 53) }
```


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

```
.border{ border-color:rgb(137, 0, 53) }
```

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

Here you see how a box with a 4 pixel rgb(137, 0, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 0, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 0, 53);  
box-shadow:4px 4px 4px 4px rgb(137, 0, 53)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.6123, 41.5253, 6.8194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 0, 53) }
```

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

```
.background{ background-color: rgb(137, 0,  
53) }
```

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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