

# Converting Colors

HunterLab(23.7437, 34.9413,  
6.7777)

Have a look what the booklet for  
HunterLab(23.7437, 34.9413,  
6.7777) contains.

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# Color

**HunterLab(23.6974, 35.0213,  
6.7883)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	821735
RGB	130, 23, 53
RGB Percent	51%, 9%, 21%
CMY	0.4902, 0.9098, 0.7922
CMYK	0.00, 0.82, 0.59, 0.49
HSL	343°, 70%, 30%
HSV	343°, 82%, 51%
XYZ	10.1549, 5.6157, 3.9169
YIQ	58.4130, 54.1420, 32.0140

# Conversions

## Conversions Part 2

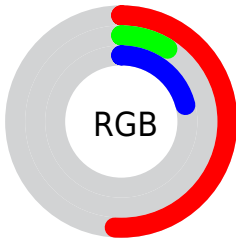
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 23, 53
Decimal	8525621
CIE <sub>Lab</sub>	28.42, 45.78, 10.57
CIE <sub>LCh</sub>	28, 46.985, 12.997
Yxy	5.6160, 0.5158, 0.2852
Android (android.graphics.Color)	4286715701 (0xFF821735)
YUV	58.4130, -2.6686, 62.7818
Hunter-Lab	23.6974, 35.0213, 6.7883

# Details

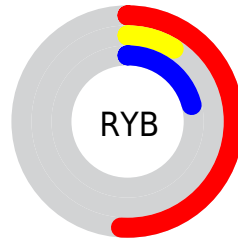
The HunterLab color **23.6974, 35.0213, 6.7883** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **41.3131, -26.3399, 7.6899**, and the grayscale version is **20.7087, -1.1050, 1.1251**.

A 20% lighter version of the original color is **41.4538, 38.4952, 9.3342**, and **12.1383, 20.9316, 6.7239** is the 20% darker color. If you saturate the color by 10%, you get **22.6766, 37.1620, 8.4848**, and if you desaturate by 10%, it is **25.2187, 31.7185, 5.2594**.

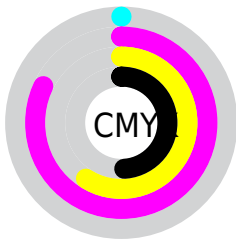
# Distribution



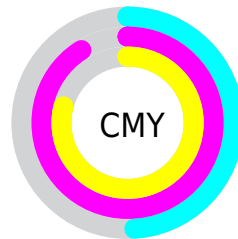
- Red (51%)
- Green (9%)
- Blue (21%)



- Red (51%)
- Yellow (9%)
- Blue (21%)



- Cyan (0%)
- Magenta (82%)
- Yellow (59%)
- Black (49%)



- Cyan (49%)
- Magenta (91%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.6974, 35.0213, 6.7883 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 23.6974, 35.0213, 6.7883 by changing the saturation by 10% instead.



23.6974, 35.0213,  
6.7883

23.6974, 35.0213,  
6.7883

124.7440, 47.5733,  
17.3111

16.1648, 33.1624,  
5.5206

41.3873, 38.5602,  
9.1762

9.6603, 31.5156,  
5.0657

51.3886, 40.1645,  
10.3371

0.0000, INF, NaN

0.0000, NaN, NaN

62.0866, 41.6529,  
11.4908

0.0000, NaN, NaN

73.4386, 43.0306,  
12.6434

0.0000, NaN, NaN

85.4088, 44.3047,  
13.7991

0.0000, NaN, NaN

0.0000, NaN, NaN

97.9667, 45.4822,

14.9610

0.0000, NaN, NaN

111.0862, 46.5697,  
16.1311

23.6974, 35.0213,  
6.7883

23.6974, 35.0213,  
6.7883

22.6766, 37.1620,  
8.4848

25.2187, 31.7185,  
5.2594

22.0814, 38.4042,  
9.7018

27.2164, 27.5645,  
4.0043

29.6431, 22.8938,  
3.0698

32.4416, 17.9806,  
2.4538

35.5563, 13.0088,  
2.1262

■ 38.9383, 8.0838,  
2.0469

■ 42.5466, 3.2569,  
2.1757

■ 46.3479, -1.4538,  
2.4767

■ 50.3155, -6.0484,  
2.9200

# Harmonies

## Analogous

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



23.6981, 34.1998, -8.5083



23.6974, 35.0213, 6.7883



23.6981, 24.4991, 13.5783

# Triad

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



23.6981, 35.0189, 6.7889



23.6981, -18.2611, 14.0249



23.6981, -9.3144, -44.5194

# Complementary

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



23.6974, 35.0213, 6.7883



41.3131, -26.3399, 7.6899

# 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.



23.6981, -19.2605, -27.0645



23.6974, 35.0213, 6.7883



23.6981, -23.4476, 8.1345

# Square

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



23.6981, 35.0189, 6.7889



23.6981, -7.5619, 16.0250



23.6981, -23.7594, -5.9564



23.6981, 5.7652, -45.8105



# Rectangle

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



23.6974, 35.0213, 6.7883



23.6981, 13.7253, 15.3397



23.6981, -23.7594, -5.9564



23.6981, -13.2624, -40.0064

# Sweetspot

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



23.6981, 35.0189, 6.7889



50.1724, 12.8499, 2.7179



22.1727, 38.1331, -42.1422



23.2445, 7.0219, 1.3063



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.



23.6981, 35.0189, 6.7889



29.3444, 50.6714, 13.2337



26.0319, 25.3801, 14.6377



20.8867, 0.8246, 1.0767



21.6248, 37.6148, 9.4642

0.0000, NaN, NaN



# Inverse Universe

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



23.6981, 35.0189, 6.7889



29.3444, 50.6714, 13.2337



35.0307, -12.2768, -14.3734



20.8867, 0.8246, 1.0767



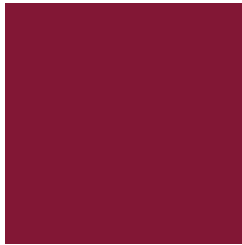
21.6248, 37.6148, 9.4642

0.0000, NaN, NaN



# Previews

## White Background



This preview shows how the HunterLab color 23.6974, 35.0213, 6.7883 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

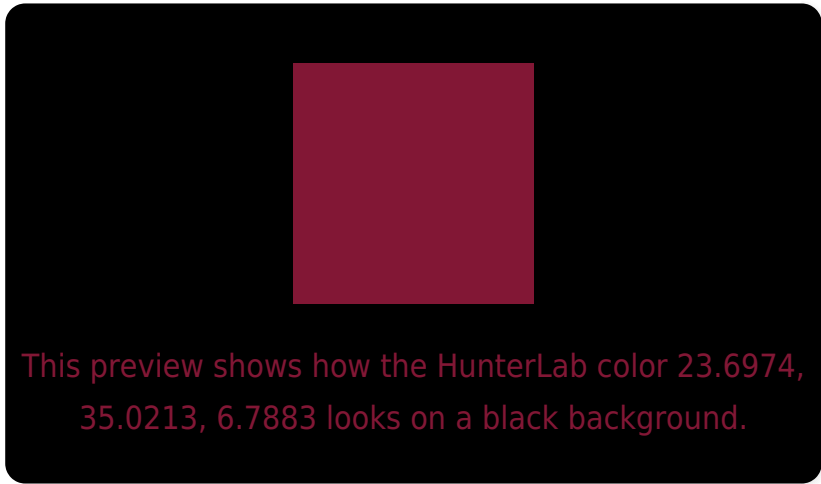
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

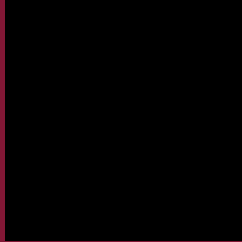
Any Text WCAG AA × Fail

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 23.6974, 35.0213, 6.7883 Background



This preview shows how black text looks on a background with the HunterLab color 23.6974, 35.0213, 6.7883.



This preview shows how white text looks on a background with the HunterLab color 23.6974, 35.0213,



# 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

23.6974, 35.0213, 6.7883

### Protanopia

24.2773, -0.1537, -0.8651

### Deuteranopia

24.2975, 1.2745, 8.1708



## Tritanopia

23.7478, 31.5538, 12.1191

# Trichromacy



## Original Color

23.6974, 35.0213, 6.7883

## Protanomaly

22.5244, 12.2972, 0.5274

## Deuteranomaly

22.7247, 14.1312, 6.3772

## Tritanomaly

23.6452, 32.5649, 10.5421

# Monochromacy



## Original Color

23.6974, 35.0213, 6.7883

## Achromatopsia

20.5697, -1.0975, 1.1176

## Achromatomaly

20.1174, 11.8949, 1.5779

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 23.6974, 35.0213, 6.7883 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(130, 23, 53)` looks like.

```
.text, #text, p{  
    color:rgb(130, 23, 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(130, 23, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 23, 53) }
```

## Border

The CSS property to change the border of an element to HunterLab 23.6974, 35.0213, 6.7883 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(130, 23, 53) }
```



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

```
.border{ border-color:rgb(130, 23, 53) }
```

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

Here you see how a box with a 4 pixel rgb(130, 23, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 23, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 23, 53);  
box-shadow:4px 4px 4px 4px rgb(130, 23,  
53) }
```

# Background

The CSS property to change the background color of an element to HunterLab 23.6974, 35.0213, 6.7883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 23, 53) }
```

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

```
.background{ background-color: rgb(130, 23,  
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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