

Converting Colors

HunterLab(13.6807, 23.7145,
6.6240)

Have a look what the booklet for
HunterLab(13.6807, 23.7145,
6.6240) contains.

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Color

**HunterLab(13.7094, 23.7729,
6.5704)**

Conversions

Conversions Part 1

Format	Color
Hex	530011
RGB	83, 0, 17
RGB Percent	33%, 0%, 7%
CMY	0.6745, 1.0000, 0.9333
CMYK	0.00, 1.00, 0.80, 0.67
HSL	348°, 100%, 16%
HSV	348°, 100%, 33%
XYZ	3.6685, 1.8795, 0.6997
YIQ	26.7550, 44.0110, 22.8830

Conversions

Conversions Part 2

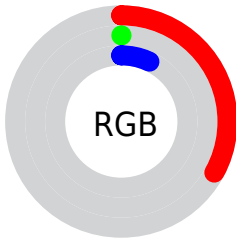
Format	Color
R_{YB}	83, 0, 17
Decimal	5439505
CIE _{Lab}	14.84, 36.03, 15.58
CIE _{LCh}	15, 39.258, 23.384
Yxy	1.8796, 0.5872, 0.3008
Android (android.graphics.Color)	4283629585 (0xFF530011)
YUV	26.7550, -4.8092, 49.3269
Hunter-Lab	13.7094, 23.7729, 6.5704

Details

The HunterLab color **13.7094, 23.7729, 6.5704** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **25.6514, -16.5203, 3.6015**, and the grayscale version is **10.3997, -0.5549, 0.5650**.

A 20% lighter version of the original color is **29.0713, 26.7163, 9.9427**, and **4.8498, 8.3506, 2.7835** is the 20% darker color. If you saturate the color by 10%, you get **13.7093, 23.7727, 6.5712**, and if you desaturate by 10%, it is **14.4347, 21.9549, 5.8183**.

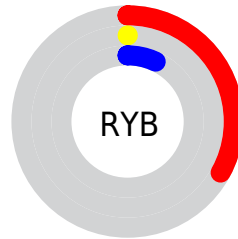
Distribution



Red (33%)

Green (0%)

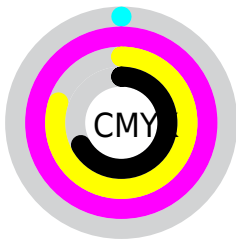
Blue (7%)



Red (33%)

Yellow (0%)

Blue (7%)

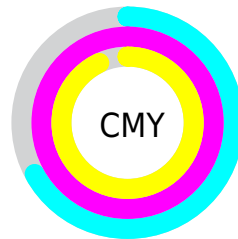


Cyan (0%)

Magenta (100%)

Yellow (80%)

Black (67%)



Cyan (67%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.7094, 23.7729, 6.5704 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 13.7094, 23.7729, 6.5704 by changing the saturation by 10% instead.

■ 13.7094, 23.7729,
6.5704

■ 13.7094, 23.7729,
6.5704

■ 106.3264, 34.4087,
20.0644

■ 7.3217, 24.1555,
5.1252

■ 29.0168, 26.9457,
9.8980

0.0000, INF, NaN

0.0000, NaN, NaN

■ 37.9858, 28.3531,
11.4521

0.0000, NaN, NaN

■ 47.7256, 29.6315,
12.9486

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.1796, 30.7895,
14.4070

0.0000, NaN, NaN


■ 69.3019, 31.8372,
15.8401


0.0000, NaN, NaN


■ 81.0544, 32.7842,


0.0000, NaN, NaN


17.2567


 93.4052, 33.6389,
18.6633


 13.7094, 23.7729,
6.5704


 13.7094, 23.7729,
6.5704


 13.7093, 23.7727,
6.5712

 14.4347, 21.9549,
5.8183

 15.2399, 20.1641,
4.9127

 16.3174, 17.8675,
4.0671

 17.6510, 15.2282,
3.3355

 19.2104, 12.4096,
2.7404

■ 20.9645, 9.5302,
2.2841

■ 22.8844, 6.6635,
1.9568

■ 24.9455, 3.8486,
1.7438

■ 27.1271, 1.1025,
1.6291

Harmonies

Analogous

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



13.7098, 26.3281, -1.7097



13.7094, 23.7729, 6.5704



13.7098, 13.8501, 9.5969

Triad

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



13.7098, 23.7712, 6.5707



13.7098, -13.6737, 8.9393



13.7098, -3.0265, -36.4952

Complementary

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



13.7094, 23.7729, 6.5704



25.6514, -16.5203, 3.6015

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.



13.7098, -10.9851, -26.1522



13.7094, 23.7729, 6.5704



13.7098, -16.0530, 2.8180

Square

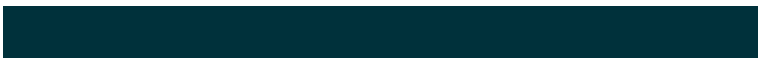
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



13.7098, 23.7712, 6.5707



13.7098, -7.9896, 9.5969



13.7098, -15.1113, -9.5359



13.7098, 8.4422, -32.1915

Rectangle

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



13.7094, 23.7729, 6.5704



13.7098, 5.6718, 9.5969



13.7098, -15.1113, -9.5359



13.7098, -6.1411, -34.4589

Sweetspot

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



13.7098, 23.7712, 6.5707



29.6014, 9.0737, 2.5900



13.2253, 27.3682, -28.0590



14.3976, 4.9375, 1.3302



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



13.7098, 23.7712, 6.5707



17.8596, 30.9080, 9.0380



15.7248, 16.5724, 9.9790



13.8209, 0.3794, 0.8170



17.4119, 30.1381, 8.7729



41.6816, 71.8835, 23.0392

Inverse Universe

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



13.7098, 23.7712, 6.5707



17.8596, 30.9080, 9.0380



19.5002, -5.2873, -12.9586



13.8209, 0.3794, 0.8170



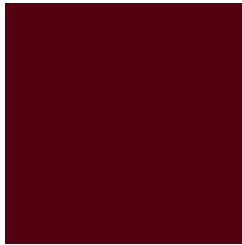
17.4119, 30.1381, 8.7729



41.6816, 71.8835, 23.0392

Previews

White Background



This preview shows how the HunterLab color 13.7094, 23.7729, 6.5704 looks on a white background.

Color Contrast Check

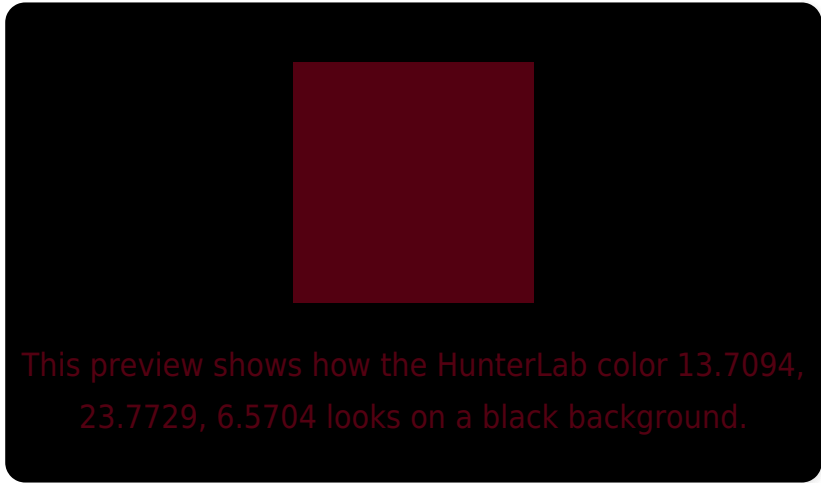
Large Text (above 18pt) WCAG AA ✓ Pass

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

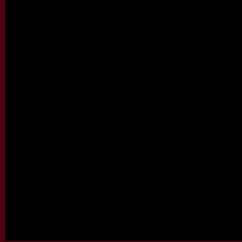
Any Text WCAG AA × Fail

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 13.7094, 23.7729, 6.5704 Background



This preview shows how black text looks on a background with the HunterLab color 13.7094, 23.7729, 6.5704.

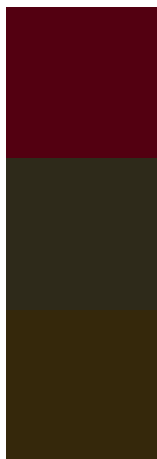


This preview shows how white text looks on a background with the HunterLab color 13.7094, 23.7729,

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

13.7094, 23.7729, 6.5704

Protanopia

15.2031, -1.4665, 5.5312

Deuteranopia

15.1612, 0.3984, 8.1111



Tritanopia

14.1101, 21.3963, 9.0692

Trichromacy



Original Color

13.7094, 23.7729, 6.5704

Protanomaly

13.3249, 8.1648, 4.7468

Deuteranomaly

13.4696, 10.0172, 6.7992

Tritanomaly

13.9247, 22.3383, 8.2378

Monochromacy



Original Color

13.7094, 23.7729, 6.5704

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.3300, 8.3153, 1.8583

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.7094, 23.7729, 6.5704 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(83, 0, 17)` looks like.

```
.text, #text, p{  
    color:rgb(83, 0, 17)  
}
```

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(83, 0, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 0, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 13.7094, 23.7729, 6.5704 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(83, 0, 17) }
```


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

```
.border{ border-color:rgb(83, 0, 17) }
```

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

Here you see how a box with a 4 pixel rgb(83, 0, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 0, 17); -webkit-box-shadow:4px  
4px 4px 4px rgb(83, 0, 17); box-shadow:4px  
4px 4px 4px rgb(83, 0, 17) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.7094, 23.7729, 6.5704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 0, 17) }
```

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

```
.background{ background-color: rgb(83, 0,  
17) }
```

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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