

Converting Colors

HunterLab(13.8151, 22.8694,
7.3010)

Have a look what the booklet for
HunterLab(13.8151, 22.8694,
7.3010) contains.

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Color

**HunterLab(13.8256, 23.0799,
7.2904)**

Conversions

Conversions Part 1

Format	Color
Hex	53020D
RGB	83, 2, 13
RGB Percent	33%, 1%, 5%
CMY	0.6745, 0.9921, 0.9490
CMYK	0.00, 0.98, 0.84, 0.67
HSL	352°, 95%, 17%
HSV	352°, 98%, 33%
XYZ	3.6616, 1.9115, 0.5567
YIQ	27.4730, 44.7450, 20.5930

Conversions

Conversions Part 2

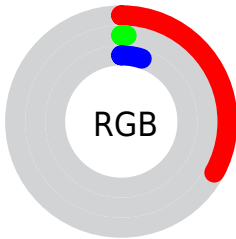
Format	Color
R_{YB}	83, 2, 13
Decimal	5440013
CIE Lab	15.02, 35.18, 17.93
CIE LCh	15, 39.483, 27.003
Yxy	1.9116, 0.5973, 0.3118
Android (android.graphics.Color)	4283630093 (0xFF53020D)
YUV	27.4730, -7.1352, 48.6972
Hunter-Lab	13.8256, 23.0799, 7.2904

Details

The HunterLab color **13.8256, 23.0799, 7.2904** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **25.8212, -15.5431, 1.5591**, and the grayscale version is **10.6265, -0.5670, 0.5774**.

A 20% lighter version of the original color is **29.1841, 26.0499, 10.8383**, and **4.8498, 8.3506, 2.7835** is the 20% darker color. If you saturate the color by 10%, you get **13.6520, 23.5610, 7.4143**, and if you desaturate by 10%, it is **14.5390, 21.2955, 6.5996**.

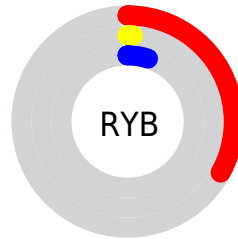
Distribution



Red (33%)

Green (1%)

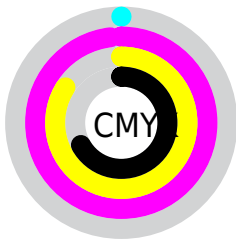
Blue (5%)



Red (33%)

Yellow (1%)

Blue (5%)

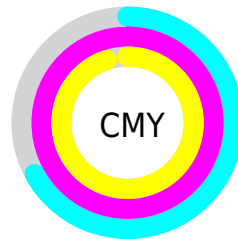


Cyan (0%)

Magenta (98%)

Yellow (84%)

Black (67%)



Cyan (67%)


Magenta (99%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 13.8256, 23.0799, 7.2904 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 13.8256, 23.0799, 7.2904 by changing the saturation by 10% instead.

 13.8256, 23.0799,
7.2904

 13.8256, 23.0799,
7.2904


 106.5562, 33.4068,
22.0510

 7.4521, 23.1896,
5.2165


 29.1660, 26.1920,
10.9128

0.0000, INF, NaN

0.0000, NaN, NaN


 38.1489, 27.5626,
12.6430

0.0000, NaN, NaN


 47.9016, 28.8039,
14.2984

0.0000, NaN, NaN

0.0000, NaN, NaN

 58.3676, 29.9253,
15.9022

0.0000, NaN, NaN


 69.5011, 30.9372,
17.4700


0.0000, NaN, NaN


 81.2644, 31.8493,


0.0000, NaN, NaN


19.0126


 93.6253, 32.6700,
20.5376


 13.8256, 23.0799,
7.2904


 13.8256, 23.0799,
7.2904


 13.6520, 23.5610,
7.4143

 14.5390, 21.2955,
6.5996

 15.4021, 19.3500,
5.7564

 16.5441, 16.9385,
4.9253

 17.9393, 14.2460,
4.1585

 19.5560, 11.4261,
3.4854

■ 21.3626, 8.5837,
2.9156

■ 23.3304, 5.7802,
2.4467

■ 25.4354, 3.0458,
2.0701

■ 27.6576, 0.3909,
1.7747

Harmonies

Analogous

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



13.8260, 26.7383, -0.3215



13.8256, 23.0799, 7.2904



13.8260, 12.4975, 9.6782

Triad

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



13.8260, 23.0782, 7.2907



13.8260, -14.2327, 8.3626



13.8260, -1.8084, -37.1244

Complementary

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



13.8256, 23.0799, 7.2904



25.8212, -15.5431, 1.5591

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.



13.8260, -10.3338, -28.2150



13.8256, 23.0799, 7.2904



13.8260, -16.2229, 1.7469

Square

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



13.8260, 23.0782, 7.2907



13.8260, -8.9658, 9.6782



13.8260, -14.8833, -11.5690



13.8260, 10.0194, -30.9903

Rectangle

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



13.8256, 23.0799, 7.2904



13.8260, 4.2529, 9.6782



13.8260, -14.8833, -11.5690



13.8260, -5.1089, -35.6922

Sweetspot

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



13.8260, 23.0782, 7.2907



29.8153, 8.4113, 3.3280



14.1493, 27.8538, -25.0852



14.4860, 4.6190, 1.7243



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.



13.8260, 23.0782, 7.2907



17.7910, 30.6541, 10.0502



16.7031, 14.0667, 10.3342



13.8144, 0.3445, 0.9094



17.3445, 29.8888, 9.7672



41.5521, 71.4037, 24.9550

Inverse Universe

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



13.8260, 23.0782, 7.2907



17.7910, 30.6541, 10.0502



18.2672, -3.2767, -15.3627



13.8144, 0.3445, 0.9094



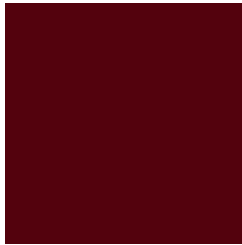
17.3445, 29.8888, 9.7672



41.5521, 71.4037, 24.9550

Previews

White Background



This preview shows how the HunterLab color 13.8256, 23.0799, 7.2904 looks on a white background.

Color Contrast Check

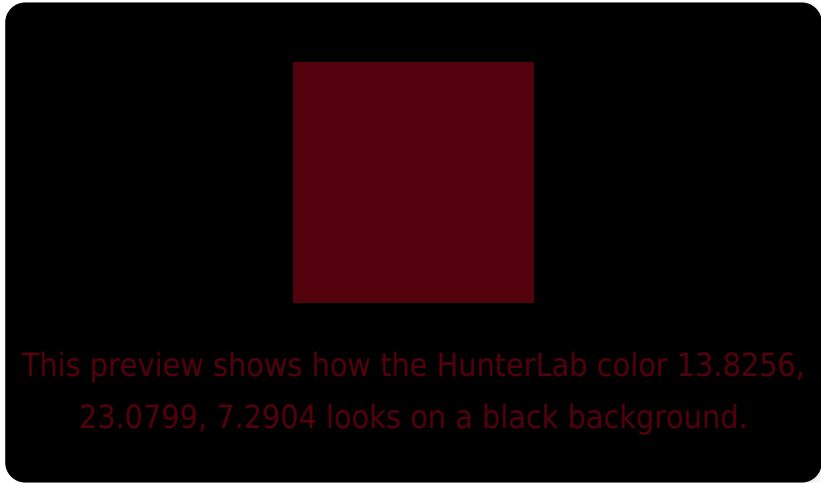
Large Text (above 18pt) WCAG AA ✓ Pass

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

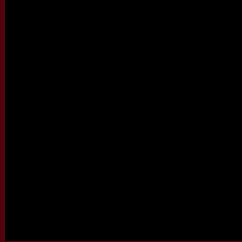
Any Text WCAG AA × Fail

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 13.8256, 23.0799, 7.2904 Background



This preview shows how black text looks on a background with the HunterLab color 13.8256, 23.0799, 7.2904.



This preview shows how white text looks on a background with the HunterLab color 13.8256, 23.0799,

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

13.8256, 23.0799, 7.2904

Protanopia

15.1358, -1.8393, 6.5153

Deuteranopia

15.0813, -0.0341, 9.2925



Tritanopia

14.1101, 21.3963, 9.0692

Trichromacy



Original Color

13.8256, 23.0799, 7.2904

Protanomaly

13.2565, 7.8348, 5.7463

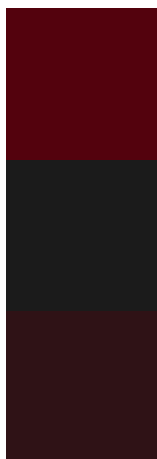
Deuteranomaly

13.5637, 9.3105, 7.8933

Tritanomaly

13.9946, 22.0512, 8.4012

Monochromacy



Original Color

13.8256, 23.0799, 7.2904

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.4636, 7.8473, 2.2840

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.8256, 23.0799, 7.2904 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, 2, 13)` looks like.

```
.text, #text, p{  
    color:rgb(83, 2, 13)  
}
```

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, 2, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 2, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 13.8256, 23.0799, 7.2904 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, 2, 13) }
```


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

```
.border{ border-color:rgb(83, 2, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 2, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 2, 13); -webkit-box-shadow:4px  
4px 4px 4px rgb(83, 2, 13); box-shadow:4px  
4px 4px 4px rgb(83, 2, 13) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.8256, 23.0799, 7.2904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 2, 13) }
```

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

```
.background{ background-color: rgb(83, 2,  
13) }
```

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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