

Converting Colors

HunterLab(12.7330, 23.0680,
-0.5893)

Have a look what the booklet for
HunterLab(12.7330, 23.0680,
-0.5893) contains.

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Color

**HunterLab(12.8154, 23.0897,
-0.5793)**

Conversions

Conversions Part 1

Format	Color
Hex	4B0027
RGB	75, 0, 39
RGB Percent	29%, 0%, 15%
CMY	0.7059, 1.0000, 0.8471
CMYK	0.00, 1.00, 0.48, 0.71
HSL	329°, 100%, 15%
HSV	329°, 100%, 29%
XYZ	3.2679, 1.6423, 2.0642
YIQ	26.8710, 32.1810, 28.0290

Conversions

Conversions Part 2

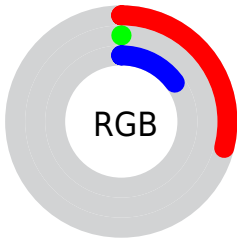
Format	Color
RYB	75, 0, 39
Decimal	4915239
CIELab	13.49, 35.49, -2.49
CIElCh	13, 35.576, 355.986
Yxy	1.6424, 0.4685, 0.2355
Android (android.graphics.Color)	4283105319 (0xFF4B0027)
YUV	26.8710, 5.9796, 42.2091
Hunter-Lab	12.8154, 23.0897, -0.5793

Details

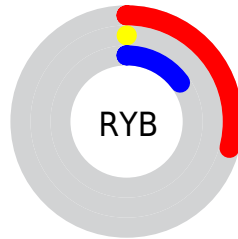
The HunterLab color **12.8154, 23.0897, -0.5793** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **22.7147, -17.4752, 9.3332**, and the grayscale version is **10.4056, -0.5552, 0.5654**.

A 20% lighter version of the original color is **27.8846, 26.5811, -0.1864**, and **3.5861, 6.1412, 2.3172** is the 20% darker color. If you saturate the color by 10%, you get **12.8153, 23.0895, -0.5786**, and if you desaturate by 10%, it is **13.5287, 21.3412, -1.1387**.

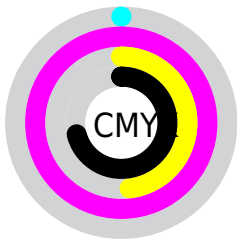
Distribution



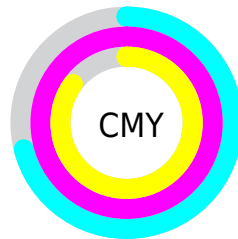
- Red (29%)
- Green (0%)
- Blue (15%)



- Red (29%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (71%)



- Cyan (71%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.8154, 23.0897, -0.5793 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 12.8154, 23.0897, -0.5793 by changing the saturation by 10% instead.

12.8154, 23.0897,
-0.5793

12.8154, 23.0897,
-0.5793

104.5419, 33.6654,
3.2131

6.2126, 26.3927,
-1.3236

27.8639, 26.2509,
-0.1049

0.0000, INF, NaN

0.0000, NaN, NaN

36.7231, 27.6544,
0.2296

0.0000, NaN, NaN

46.3620, 28.9276,
0.6179

0.0000, NaN, NaN

56.7221, 30.0793,
1.0546

0.0000, NaN, NaN

0.0000, NaN, NaN

67.7561, 31.1198,
1.5355

0.0000, NaN, NaN

79.4252, 32.0587,

0.0000, NaN, NaN

2.0573

■ 91.6966, 32.9047,
2.6172

■ 12.8154, 23.0897,
-0.5793

■ 12.8154, 23.0897,
-0.5793

■ 12.8153, 23.0895,
-0.5786

■ 13.5287, 21.3412,
-1.1387

■ 14.2705, 19.6768,
-1.6874

■ 15.2241, 17.5574,
-1.9761

■ 16.3871, 15.0883,
-2.0002

■ 17.7371, 12.4108,
-1.7931

■ 19.2500, 9.6330,
-1.3947

■ 20.9036, 6.8274,
-0.8430

■ 22.6782, 4.0374,
-0.1701

■ 24.5572, 1.2860,
0.5980

Harmonies

Analogous

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



12.8158, 18.2330, -13.3183



12.8154, 23.0897, -0.5793



12.8158, 20.2042, 6.4919

Triad

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



12.8158, 23.0884, -0.5789



12.8158, -7.7434, 8.9710



12.8158, -9.3825, -23.6650

Complementary

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



12.8154, 23.0897, -0.5793



22.7147, -17.4752, 9.3332

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.



12.8158, -13.5358, -9.4843



12.8154, 23.0897, -0.5793



12.8158, -12.6890, 7.8871

Square

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



12.8158, 23.0884, -0.5789



12.8158, 0.6189, 8.9710



12.8158, -14.7290, 1.8549



12.8158, -1.9378, -31.5378

Rectangle

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



12.8154, 23.0897, -0.5793



12.8158, 14.6297, 8.9710



12.8158, -14.7290, 1.8549



12.8158, -11.0674, -19.1343

Sweetspot

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



12.8158, 23.0884, -0.5789



26.9691, 9.2961, -1.1861



9.3031, 21.3894, -36.3168



13.3173, 5.0405, -0.6740



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



12.8158, 23.0884, -0.5789



16.6419, 29.9036, -0.1286



12.2533, 21.0269, 7.5706



13.0968, 0.4906, 0.3719



17.5561, 31.5314, -0.0200



42.5210, 75.9696, 3.0488

Inverse Universe

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



12.8158, 23.0884, -0.5789



16.6419, 29.9036, -0.1286



23.4662, -12.9042, -1.4736



13.0968, 0.4906, 0.3719



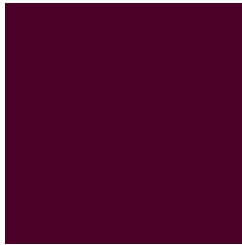
17.5561, 31.5314, -0.0200



42.5210, 75.9696, 3.0488

Previews

White Background



This preview shows how the HunterLab color 12.8154, 23.0897, -0.5793 looks on a white background.

Color Contrast Check

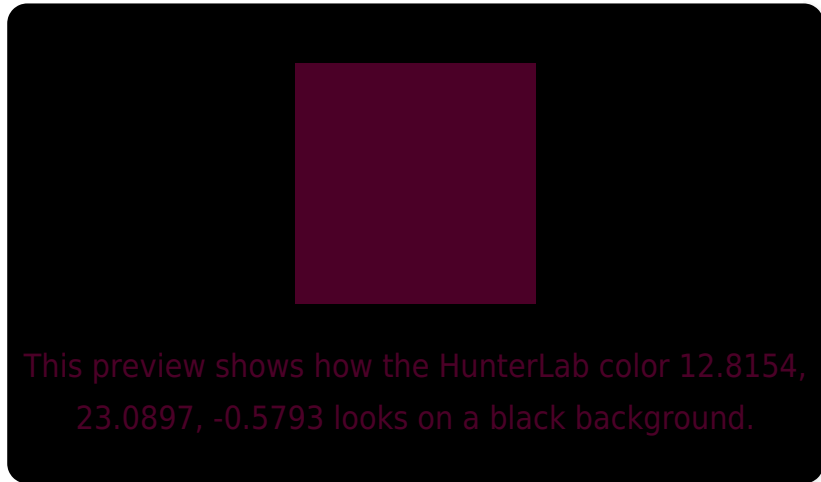
Large Text (above 18pt) WCAG AA ✓ Pass

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

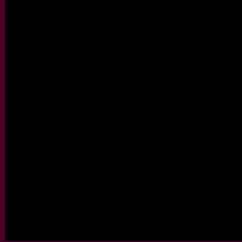
Any Text WCAG AA × Fail

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 12.8154, 23.0897, -0.5793 Background



This preview shows how black text looks on a background with the HunterLab color 12.8154, 23.0897, -0.5793.



This preview shows how white text looks on a background with the HunterLab color 12.8154, 23.0897, -0.5793.

-0.5793.

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

12.8154, 23.0897, -0.5793

Protanopia

14.3523, 0.5848, -6.6017

Deuteranopia

14.3146, 0.5158, 1.9165



Tritanopia

13.5459, 16.9919, 6.4987

Trichromacy



Original Color

12.8154, 23.0897, -0.5793

Protanomaly

12.4657, 8.8611, -6.5161

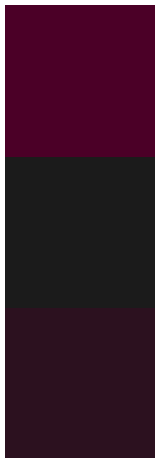
Deuteranomaly

12.6454, 9.4350, -0.2492

Tritanomaly

13.1866, 18.8518, 4.5702

Monochromacy



Original Color

12.8154, 23.0897, -0.5793

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.1750, 8.2712, -1.1392

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.8154, 23.0897, -0.5793 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(75, 0, 39)` looks like.

```
.text, #text, p{  
    color:rgb(75, 0, 39)  
}
```

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(75, 0, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 0, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 12.8154, 23.0897, -0.5793 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(75, 0, 39) }
```


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

```
.border{ border-color:rgb(75, 0, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 0, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 0, 39); -webkit-box-shadow:4px  
4px 4px 4px rgb(75, 0, 39); box-shadow:4px  
4px 4px 4px rgb(75, 0, 39) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.8154, 23.0897, -0.5793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 0, 39) }
```

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

```
.background{ background-color: rgb(75, 0,  
39) }
```

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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