

Converting Colors

HunterLab(13.5795, 23.7567,
4.8886)

Have a look what the booklet for
HunterLab(13.5795, 23.7567,
4.8886) contains.

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Color

**HunterLab(13.6529, 23.8951,
4.8372)**

Conversions

Conversions Part 1

Format	Color
Hex	520019
RGB	82, 0, 25
RGB Percent	32%, 0%, 10%
CMY	0.6784, 1.0000, 0.9020
CMYK	0.00, 1.00, 0.70, 0.68
HSL	342°, 100%, 16%
HSV	342°, 100%, 32%
XYZ	3.6551, 1.8640, 1.0869
YIQ	27.3680, 40.8470, 25.1590

Conversions

Conversions Part 2

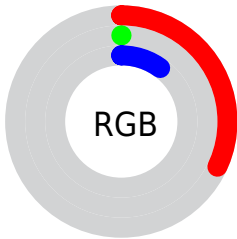
Format	Color
R_{YB}	82, 0, 25
Decimal	5373977
CIE Lab	14.76, 36.19, 9.97
CIE LCh	15, 37.541, 15.397
Yxy	1.8641, 0.5533, 0.2822
Android (android.graphics.Color)	4283564057 (0xFF520019)
YUV	27.3680, -1.1674, 47.9123
Hunter-Lab	13.6529, 23.8951, 4.8372

Details

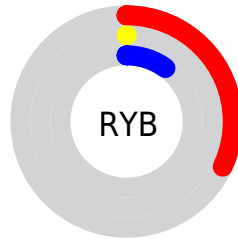
The HunterLab color **13.6529, 23.8951, 4.8372** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **25.1595, -17.3815, 6.0753**, and the grayscale version is **10.5773, -0.5644, 0.5747**.

A 20% lighter version of the original color is **28.9551, 26.7755, 7.1124**, and **4.8498, 8.3506, 2.7835** is the 20% darker color. If you saturate the color by 10%, you get **13.6528, 23.8948, 4.8381**, and if you desaturate by 10%, it is **14.3851, 22.1292, 3.9934**.

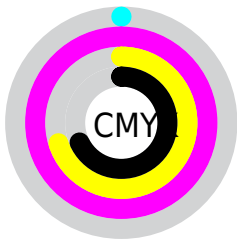
Distribution



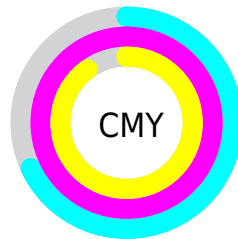
- Red (32%)
- Green (0%)
- Blue (10%)



- Red (32%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (70%)
- Black (68%)





- Cyan (68%)
- Magenta (100%)
- Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 13.6529, 23.8951, 4.8372 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 13.6529, 23.8951, 4.8372 by changing the saturation by 10% instead.

 13.6529, 23.8951,
4.8372

 13.6529, 23.8951,
4.8372


 106.2145, 34.5933,
15.1653

 7.2573, 24.4144,
5.0801


 28.9443, 27.0800,
7.2604

0.0000, INF, NaN

0.0000, NaN, NaN


 37.9064, 28.4949,
8.4049

0.0000, NaN, NaN


 47.6399, 29.7809,
9.5322

0.0000, NaN, NaN

0.0000, NaN, NaN

 58.0881, 30.9463,
10.6523

0.0000, NaN, NaN


 69.2048, 32.0013,
11.7720


0.0000, NaN, NaN


 80.9522, 32.9554,

0.0000, NaN, NaN


12.8955


 93.2980, 33.8169,
14.0259


 13.6529, 23.8951,
4.8372


 13.6529, 23.8951,
4.8372


 13.6528, 23.8948,
4.8381

 14.3851, 22.1292,
3.9934

 15.1867, 20.3861,
3.0727

 16.2488, 18.1278,
2.3022

 17.5572, 15.5088,
1.7195

 19.0834, 12.6894,
1.3277

■ 20.7979, 9.7885,
1.1129

■ 22.6734, 6.8819,
1.0530

■ 24.6863, 4.0120,
1.1245

■ 26.8169, 1.1986,
1.3058

Harmonies

Analogous

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



13.6533, 24.0078, -4.8690



13.6529, 23.8951, 4.8372



13.6533, 16.0183, 9.5573

Triad

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



13.6533, 23.8935, 4.8375



13.6533, -12.1049, 9.5573



13.6533, -5.3448, -32.6144

Complementary

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



13.6529, 23.8951, 4.8372



25.1595, -17.3815, 6.0753

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.



13.6533, -11.9817, -20.4309



13.6529, 23.8951, 4.8372



13.6533, -15.1865, 4.6705

Square

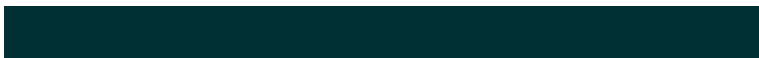
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



13.6533, 23.8935, 4.8375



13.6533, -5.5708, 9.5573



13.6533, -15.1435, -5.2194



13.6533, 4.8979, -32.4243

Rectangle

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



13.6529, 23.8951, 4.8372



13.6533, 8.4673, 9.5573



13.6533, -15.1435, -5.2194



13.6533, -7.9940, -29.5817

Sweetspot

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



13.6533, 23.8935, 4.8375



29.6854, 9.5029, 1.3910



12.0460, 25.6836, -31.4174



14.4422, 5.1637, 0.6937



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.



13.6533, 23.8935, 4.8375



17.9996, 31.4239, 6.9867



14.6170, 19.0062, 9.3390



13.8304, 0.4305, 0.6819



17.5490, 30.6433, 6.7644



41.9711, 72.9526, 18.7810

Inverse Universe

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



13.6533, 23.8935, 4.8375



17.9996, 31.4239, 6.9867



21.4934, -8.3116, -8.9215



13.8304, 0.4305, 0.6819



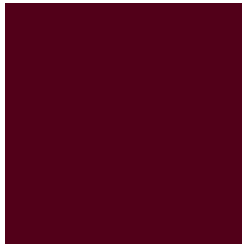
17.5490, 30.6433, 6.7644



41.9711, 72.9526, 18.7810

Previews

White Background



This preview shows how the HunterLab color 13.6529, 23.8951, 4.8372 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

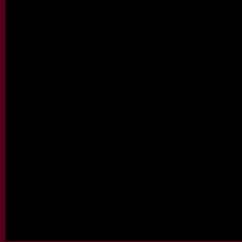
Any Text WCAG AA × Fail

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 13.6529, 23.8951, 4.8372 Background



This preview shows how black text looks on a background with the HunterLab color 13.6529, 23.8951, 4.8372.



This preview shows how white text looks on a background with the HunterLab color 13.6529, 23.8951,

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

13.6529, 23.8951, 4.8372

Protanopia

15.2479, -0.9223, 2.5738

Deuteranopia

15.0849, 0.3369, 6.5126



Tritanopia

14.2424, 20.5963, 8.1803

Trichromacy



Original Color

13.6529, 23.8951, 4.8372

Protanomaly

13.3911, 8.7086, 2.0334

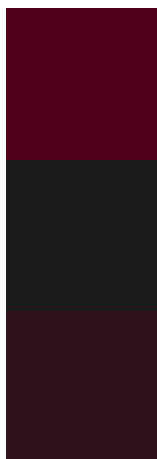
Deuteranomaly

13.3316, 9.8623, 5.0118

Tritanomaly

13.9850, 21.7828, 7.2374

Monochromacy



Original Color

13.6529, 23.8951, 4.8372

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.3914, 8.5982, 0.9776

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.6529, 23.8951, 4.8372 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(82, 0, 25)` looks like.

```
.text, #text, p{  
    color:rgb(82, 0, 25)  
}
```

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(82, 0, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 0, 25) }
```

Border

The CSS property to change the border of an element to HunterLab 13.6529, 23.8951, 4.8372 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(82, 0, 25) }
```


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

```
.border{ border-color:rgb(82, 0, 25) }
```

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

Here you see how a box with a 4 pixel rgb(82, 0, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 0, 25); -webkit-box-shadow:4px  
4px 4px 4px rgb(82, 0, 25); box-shadow:4px  
4px 4px 4px rgb(82, 0, 25) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.6529, 23.8951, 4.8372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 0, 25) }
```

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

```
.background{ background-color: rgb(82, 0,  
25) }
```

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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