

# Converting Colors

HunterLab(24.5820, 43.9072,  
1.8453)

Have a look what the booklet for  
HunterLab(24.5820, 43.9072,  
1.8453) contains.

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# Color

**HunterLab(24.5309, 43.8125,  
1.8782)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8C0046
RGB	140, 0, 70
RGB Percent	55%, 0%, 27%
CMY	0.4510, 0.9999, 0.7255
CMYK	0.00, 1.00, 0.50, 0.45
HSL	330°, 100%, 27%
HSV	330°, 100%, 55%
XYZ	11.9207, 6.0177, 6.3276
YIQ	49.8400, 60.9700, 51.4500

# Conversions

## Conversions Part 2

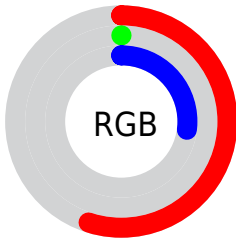
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 0, 70
Decimal	9175110
CIE Lab	29.46, 54.34, 0.91
CIE LCh	29, 54.349, 0.956
Yxy	6.0180, 0.4912, 0.2480
Android (android.graphics.Color)	4287365190 (0xFF8C0046)
YUV	49.8400, 9.9389, 79.0703
Hunter-Lab	24.5309, 43.8125, 1.8782

# Details

The HunterLab color **24.5309, 43.8125, 1.8782** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **43.8163, -33.9672, 18.5603**, and the grayscale version is **17.7624, -0.9478, 0.9651**.

A 20% lighter version of the original color is **42.3657, 47.5242, 2.9510**, and **13.8497, 24.2893, 4.5203** is the 20% darker color. If you saturate the color by 10%, you get **24.5307, 43.8116, 1.8812**, and if you desaturate by 10%, it is **25.3492, 42.3361, -0.0613**.

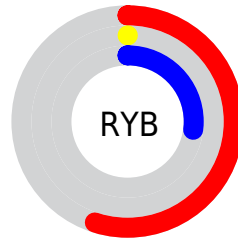
# Distribution



Red (55%)

Green (0%)

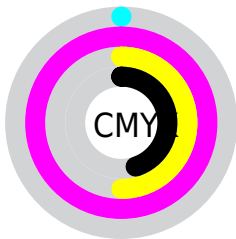
Blue (27%)



Red (55%)

Yellow (0%)

Blue (27%)

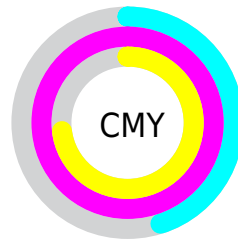


Cyan (0%)

Magenta (100%)

Yellow (50%)

Black (45%)



Cyan (45%)

Magenta (100%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.5309, 43.8125, 1.8782 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 24.5309, 43.8125, 1.8782 by changing the saturation by 10% instead.



■ 24.5309, 43.8125,  
1.8782

■ 24.5309, 43.8125,  
1.8782

■ 126.1884, 58.7728,  
7.8145

■ 16.8998, 41.8435,  
1.3985

■ 42.3892, 47.8067,  
2.9620

■ 10.2812, 40.3168,  
0.9628

■ 52.4650, 49.6820,  
3.5595

0.0000, INF, NaN

0.0000, INF, NaN

■ 63.2326, 51.4509,  
4.1913

0.0000, NaN, NaN

■ 74.6501, 53.1124,  
4.8560

0.0000, NaN, NaN

■ 86.6825, 54.6702,  
5.5519

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.2998, 56.1292,

6.2776

0.0000, NaN, NaN

112.4760, 57.4949,  
7.0322

24.5309, 43.8125,  
1.8782

24.5309, 43.8125,  
1.8782

24.5307, 43.8116,  
1.8812

25.3492, 42.3361,  
-0.0613

26.5460, 39.8237,  
-1.6795

28.2630, 36.0050,  
-2.7184

30.4751, 31.2175,  
-3.1575

33.1329, 25.8261,  
-3.0490

■ 36.1783, 20.1289,  
-2.4791

■ 39.5551, 14.3294,  
-1.5386

■ 43.2135, 8.5491,  
-0.3075

■ 47.1117, 2.8509,  
1.1500

# Harmonies

## Analogous

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



24.5316, 36.9038, -20.6476



24.5309, 43.8125, 1.8782



24.5316, 36.0146, 12.9560

# Triad

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



24.5316, 43.8098, 1.8789



24.5316, -16.7043, 16.4655



24.5316, -15.9613, -48.4576

# Complementary

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



24.5309, 43.8125, 1.8782



43.8163, -33.9672, 18.5603

# 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.



24.5316, -24.5058, -22.3751



24.5309, 43.8125, 1.8782



24.5316, -24.8396, 12.5494

# Square

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



24.5316, 43.8098, 1.8789



24.5316, -1.8857, 17.1721



24.5316, -27.2228, 0.7790



24.5316, -0.7294, -59.7239



# Rectangle

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



24.5309, 43.8125, 1.8782



24.5316, 24.5393, 15.7226



24.5316, -27.2228, 0.7790



24.5316, -19.5364, -40.5075

# Sweetspot

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



24.5316, 43.8098, 1.8789



52.2203, 19.5234, -2.1362



17.8780, 41.2019, -70.5445



24.2472, 10.7504, -1.2682



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734



# Same Dimension

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



24.5316, 43.8098, 1.8789



32.5220, 57.9916, 3.2108



23.6132, 40.4345, 15.2570



22.5556, 1.1277, 0.6095



23.1319, 41.3294, 1.6503



1.9621, 3.6449, -0.9396



# Inverse Universe

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



24.5316, 43.8098, 1.8789



32.5220, 57.9916, 3.2108



45.4419, -24.0906, -4.7925



22.5556, 1.1277, 0.6095



23.1319, 41.3294, 1.6503

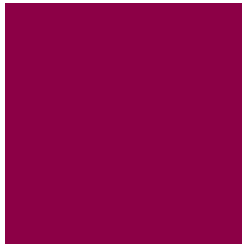


1.9621, 3.6449, -0.9396



# Previews

## White Background



This preview shows how the HunterLab color 24.5309, 43.8125, 1.8782 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

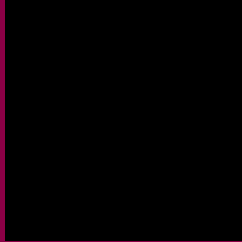
Any Text WCAG AA × Fail

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 24.5309, 43.8125, 1.8782 Background



This preview shows how black text looks on a background with the HunterLab color 24.5309, 43.8125, 1.8782.



This preview shows how white text looks on a background with the HunterLab color 24.5309, 43.8125,



# 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

24.5309, 43.8125, 1.8782

### Protanopia

25.8153, 1.7082, -12.3396

### Deuteranopia

25.6700, 1.5477, 4.6416



## Tritanopia

25.1349, 34.8859, 13.5073

# Trichromacy



## Original Color

24.5309, 43.8125, 1.8782

## Protanomaly

22.2879, 18.9490, -11.6663

## Deuteranomaly

22.8324, 19.6988, 1.0297

## Tritanomaly

24.6901, 38.4858, 10.3993

# Monochromacy



## Original Color

24.5309, 43.8125, 1.8782

## Achromatopsia

17.8595, -0.9529, 0.9703

## Achromatomaly

17.7973, 17.2207, -1.6275

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 24.5309, 43.8125, 1.8782 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(140, 0, 70)` looks like.

```
.text, #text, p{  
  color:rgb(140, 0, 70)  
}
```

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(140, 0, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 0, 70) }
```

## Border

The CSS property to change the border of an element to HunterLab 24.5309, 43.8125, 1.8782 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(140, 0, 70) }
```



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

```
.border{ border-color:rgb(140, 0, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 0, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 0, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 0, 70);  
box-shadow:4px 4px 4px 4px rgb(140, 0, 70)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 24.5309, 43.8125, 1.8782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 0, 70) }
```

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

```
.background{ background-color: rgb(140, 0,  
70) }
```

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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