

Converting Colors

HunterLab(19.1550, 57.1835,
13.4085)

Have a look what the booklet for
HunterLab(19.1550, 57.1835,
13.4085) contains.

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Color

**HunterLab(23.4285, 40.1221,
15.1390)**

Conversions

Conversions Part 1

Format	Color
Hex	8B0000
RGB	139, 0, 0
RGB Percent	55%, 0%, 0%
CMY	0.4549, 0.9999, 1.0000
CMYK	0.00, 1.00, 1.00, 0.45
HSL	0°, 100%, 27%
HSV	0°, 100%, 55%
XYZ	10.6474, 5.4889, 0.4983
YIQ	41.5610, 82.8440, 29.4680

Conversions

Conversions Part 2

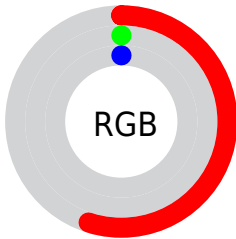
Format	Color
RYB	139, 0, 0
Decimal	9109504
CIELab	28.09, 51.01, 41.30
CIElCh	28, 65.628, 38.994
Yxy	5.4893, 0.6401, 0.3300
Android (android.graphics.Color)	4287299584 (0xFF8B0000)
YUV	41.5610, -20.4896, 85.4540
Hunter-Lab	23.4285, 40.1221, 15.1390

Details

The HunterLab color **23.4285, 40.1221, 15.1390** is a dark color, and the websafe version is hex **990000**, and the color name is **darkred**. A complement of this color would be **45.0820, -23.8965, -4.7629**, and the grayscale version is **15.1219, -0.8069, 0.8216**.

A 20% lighter version of the original color is **41.0840, 44.2321, 22.2091**, and **12.8929, 22.0795, 8.3311** is the 20% darker color. If you saturate the color by 10%, you get **23.4293, 40.1190, 15.1394**, and if you desaturate by 10%, it is **24.1499, 38.1691, 14.5380**.

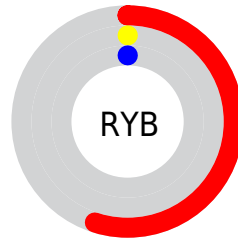
Distribution



Red (55%)

Green (0%)

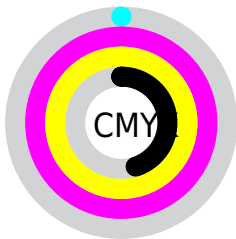
Blue (0%)



Red (55%)

Yellow (0%)

Blue (0%)

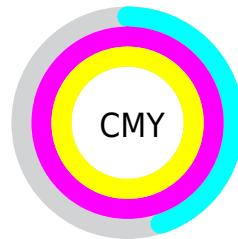


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (45%)



Cyan (45%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.4285, 40.1221, 15.1390 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 23.4285, 40.1221, 15.1390 by changing the saturation by 10% instead.

■ 23.4285, 40.1221,
15.1390

■ 23.4285, 40.1221,
15.1390

■ 124.2757, 54.2580,
42.5351

■ 15.9283, 38.1976,
11.1498

■ 41.0633, 43.9650,
22.2331

■ 9.4613, 36.6825,
6.6229

■ 51.0404, 45.7499,
25.5175

0.0000, INF, NaN

0.0000, NaN, NaN

■ 61.7157, 47.4240,
28.6283

0.0000, NaN, NaN

■ 73.0463, 48.9885,
31.5997

0.0000, NaN, NaN

■ 84.9961, 50.4482,
34.4579

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 97.5348, 51.8091,


37.2231


0.0000, NaN, NaN


 110.6357, 53.0771,
39.9113


 23.4285, 40.1221,
15.1390

 23.4285, 40.1221,
15.1390


 23.4293, 40.1190,
15.1394

 24.1499, 38.1691,
14.5380

 25.2854, 35.2777,
13.6516

 26.9991, 31.2789,
12.4357

 29.2597, 26.5579,
11.0169

 32.0061, 21.4918,
9.5172

■ 35.1690, 16.3561,
8.0241

■ 38.6826, 11.3143,
6.5876

■ 42.4903, 6.4441,
5.2297

■ 46.5457, 1.7703,
3.9554

Harmonies

Analogous

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



23.4293, 54.8812, 6.6103



23.4285, 40.1221, 15.1390



23.4293, 15.4155, 16.4005

Triad

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



23.4293, 40.1190, 15.1394



23.4293, -28.6352, 11.4212



23.4293, 5.5406, -79.8021

Complementary

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



23.4285, 40.1221, 15.1390



45.0820, -23.8965, -4.7629

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.



23.4293, -14.2626, -72.6996



23.4285, 40.1221, 15.1390



23.4293, -29.6314, -5.7130

Square

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



23.4293, 40.1190, 15.1394



23.4293, -21.9425, 16.4005



23.4293, -25.4375, -39.1955



23.4293, 30.7031, -54.1788

Rectangle

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



23.4285, 40.1221, 15.1390



23.4293, -0.5236, 16.4005



23.4293, -25.4375, -39.1955



23.4293, -1.9704, -81.4441

Sweetspot

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



23.4293, 40.1190, 15.1394



51.4465, 15.5750, 8.9381



27.1164, 53.3117, -35.7649



23.8352, 8.6750, 4.6302



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.



23.4293, 40.1190, 15.1394



31.3533, 53.6893, 20.2597



31.3160, 18.1928, 19.6152



22.4693, 0.6612, 1.8446



22.2585, 38.1141, 14.3829



1.8145, 3.1054, 1.1725

Inverse Universe

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



45.0820, -23.8965, -4.7629



60.3297, -31.9787, -6.3740



24.8637, 5.4441, -42.8297



23.8506, -3.0250, 0.7082



42.8293, -22.7024, -4.5249



3.4910, -1.8507, -0.3685

Previews

White Background



This preview shows how the HunterLab color 23.4285, 40.1221, 15.1390 looks on a white background.

Color Contrast Check

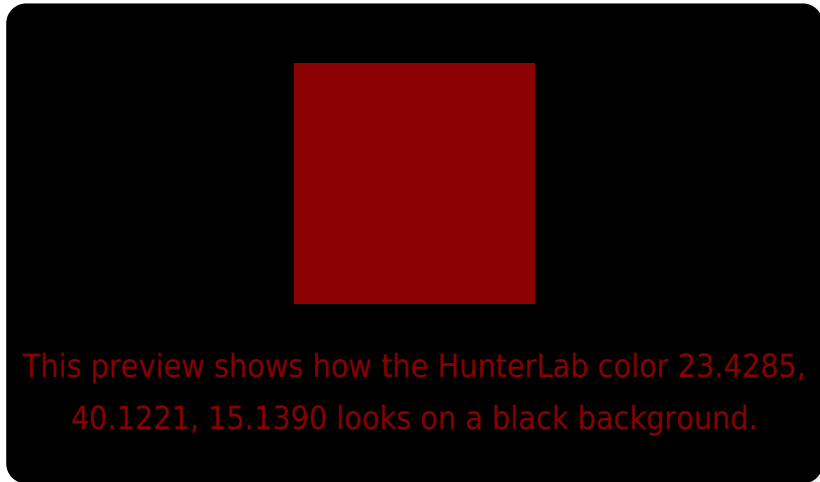
Large Text (above 18pt) WCAG AA ✓ Pass

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

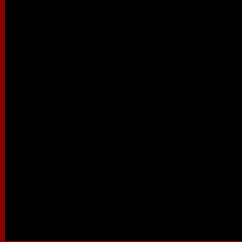
Any Text WCAG AA × Fail

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 23.4285, 40.1221, 15.1390 Background



This preview shows how black text looks on a background with the HunterLab color 23.4285, 40.1221, 15.1390.



This preview shows how white text looks on a background with the HunterLab color 23.4285, 40.1221, 15.1390.

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

23.4285, 40.1221, 15.1390

Protanopia

24.6703, -3.2062, 13.7703

Deuteranopia

24.6759, 0.4487, 15.2131



Tritanopia

23.8561, 37.7532, 15.3609

Trichromacy



Original Color

23.4285, 40.1221, 15.1390

Protanomaly

21.6047, 14.7851, 12.7027

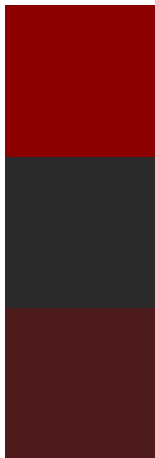
Deuteranomaly

22.0308, 17.5730, 13.8829

Tritanomaly

23.6155, 38.5524, 15.2267

Monochromacy



Original Color

23.4285, 40.1221, 15.1390

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.6230, 14.3665, 5.9432

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.4285, 40.1221, 15.1390 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(139, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(139, 0, 0)  
}
```

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(139, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 0, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 23.4285, 40.1221, 15.1390 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(139, 0, 0) }
```


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

```
.border{ border-color:rgb(139, 0, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 0, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(139, 0, 0); box-shadow:4px  
4px 4px 4px rgb(139, 0, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.4285, 40.1221, 15.1390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 0, 0) }
```

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

```
.background{ background-color: rgb(139, 0,  
0) }
```

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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