

Converting Colors

HunterLab(17.4168, 67.6894,
12.1918)

Have a look what the booklet for
HunterLab(17.4168, 67.6894,
12.1918) contains.

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Color

**HunterLab(23.6124, 40.4369,
15.2578)**

Conversions

Conversions Part 1

Format	Color
Hex	8C0000
RGB	140, 0, 0
RGB Percent	55%, 0%, 0%
CMY	0.4510, 0.9999, 1.0000
CMYK	0.00, 1.00, 1.00, 0.45
HSL	0°, 100%, 27%
HSV	0°, 100%, 55%
XYZ	10.8152, 5.5755, 0.5061
YIQ	41.8600, 83.4400, 29.6800

Conversions

Conversions Part 2

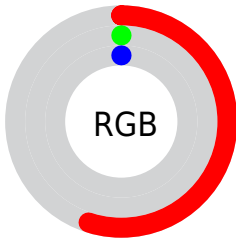
Format	Color
RYB	140, 0, 0
Decimal	9175040
CIELab	28.32, 51.27, 41.58
CIELCh	28, 66.014, 39.040
Yxy	5.5758, 0.6401, 0.3300
Android (android.graphics.Color)	4287365120 (0xFF8C0000)
YUV	41.8600, -20.6370, 86.0688
Hunter-Lab	23.6124, 40.4369, 15.2578

Details

The HunterLab color **23.6124, 40.4369, 15.2578** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **45.4356, -24.0838, -4.8006**, and the grayscale version is **15.2198, -0.8121, 0.8269**.

A 20% lighter version of the original color is **41.4030, 44.2095, 22.4351**, and **13.0594, 22.3646, 8.4387** is the 20% darker color. If you saturate the color by 10%, you get **23.6132, 40.4338, 15.2582**, and if you desaturate by 10%, it is **24.3344, 38.4819, 14.6562**.

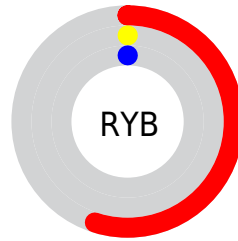
Distribution



Red (55%)

Green (0%)

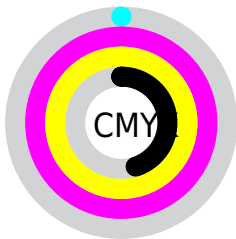
Blue (0%)



Red (55%)

Yellow (0%)

Blue (0%)

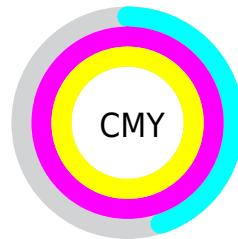


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (45%)



Cyan (45%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.6124, 40.4369, 15.2578 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 23.6124, 40.4369, 15.2578 by changing the saturation by 10% instead.

■ 23.6124, 40.4369,
15.2578

■ 23.6124, 40.4369,
15.2578

■ 124.5962, 54.6299,
42.7950

■ 16.0901, 38.5068,
11.2631

■ 41.2850, 44.2906,
22.3916

■ 9.5974, 36.9809,
6.7182

■ 51.2787, 46.0817,
25.6920

0.0000, INF, NaN

0.0000, INF, NaN

■ 61.9695, 47.7621,
28.8184

0.0000, NaN, NaN

■ 73.3147, 49.3332,
31.8049

0.0000, NaN, NaN

■ 85.2785, 50.7997,
34.6775

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.8304, 52.1673,

37.4567

0.0000, NaN, NaN

■ 110.9440, 53.4422,
40.1583

■ 23.6124, 40.4369,
15.2578

■ 23.6124, 40.4369,
15.2578

■ 23.6132, 40.4338,
15.2582

■ 24.3344, 38.4819,
14.6562

■ 25.4764, 35.5729,
13.7645

■ 27.2019, 31.5446,
12.5395

■ 29.4794, 26.7858,
11.1093

■ 32.2476, 21.6772,
9.5970

■ 35.4362, 16.4979,
8.0911

■ 38.9790, 11.4128,
6.6421

■ 42.8186, 6.5009,
5.2725

■ 46.9082, 1.7872,
3.9873

Harmonies

Analogous

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



23.6132, 55.3509, 6.6890



23.6124, 40.4369, 15.2578



23.6132, 15.5089, 16.5292

Triad

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



23.6132, 40.4338, 15.2582



23.6132, -28.8772, 11.5009



23.6132, 5.6260, -80.4992

Complementary

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



23.6124, 40.4369, 15.2578



45.4356, -24.0838, -4.8006

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.



23.6132, -14.3578, -73.3869



23.6124, 40.4369, 15.2578



23.6132, -29.8734, -5.8040

Square

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



23.6132, 40.4338, 15.2582



23.6132, -22.1413, 16.5292



23.6132, -25.6371, -39.6016



23.6132, 31.0085, -54.6039

Rectangle

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



23.6124, 40.4369, 15.2578



23.6132, -0.5614, 16.5292



23.6132, -25.6371, -39.6016



23.6132, -1.9529, -82.1754

Sweetspot

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



23.6132, 40.4338, 15.2582



51.4466, 15.5748, 8.9382



27.3292, 53.7301, -36.0456



23.8352, 8.6750, 4.6303



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.



23.6132, 40.4338, 15.2582



31.3534, 53.6892, 20.2597



31.5526, 18.3565, 19.7639



22.4693, 0.6612, 1.8446



22.2586, 38.1140, 14.3829



1.8145, 3.1053, 1.1725

Inverse Universe

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



45.4356, -24.0838, -4.8006



60.3294, -31.9783, -6.3745



25.0474, 5.5089, -43.1993



23.8506, -3.0249, 0.7082



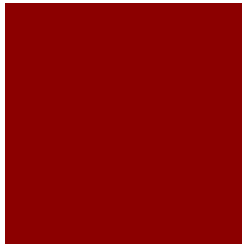
42.8290, -22.7021, -4.5251



3.4910, -1.8506, -0.3685

Previews

White Background



This preview shows how the HunterLab color 23.6124, 40.4369, 15.2578 looks on a white background.

Color Contrast Check

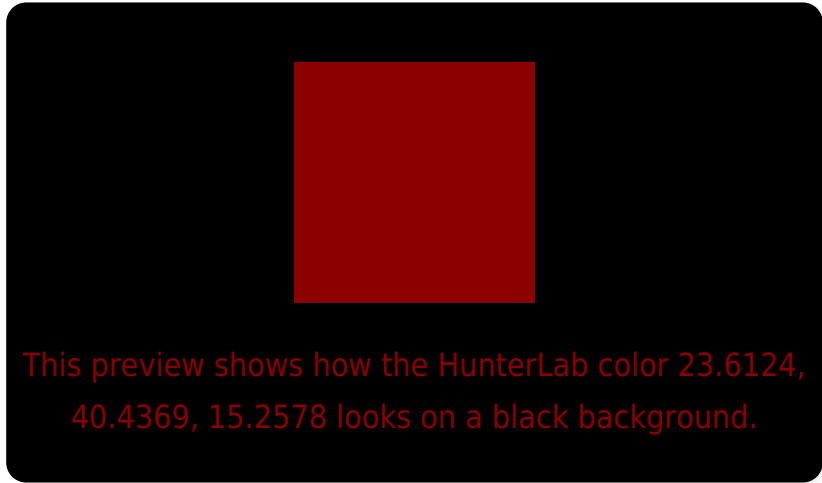
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6124, 40.4369, 15.2578 Background



This preview shows how black text looks on a background with the HunterLab color 23.6124, 40.4369, 15.2578.



This preview shows how white text looks on a background with the HunterLab color 23.6124, 40.4369, 15.2578.

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

23.6124, 40.4369, 15.2578

Protanopia

24.9247, -3.6075, 13.9340

Deuteranopia

24.7753, 0.7866, 15.2802



Tritanopia

24.0350, 38.0828, 15.4770

Trichromacy



Original Color

23.6124, 40.4369, 15.2578

Protanomaly

21.6047, 14.7851, 12.7027

Deuteranomaly

22.1718, 17.9428, 13.9763

Tritanomaly

23.7963, 38.8763, 15.3438

Monochromacy



Original Color

23.6124, 40.4369, 15.2578

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.7566, 14.7003, 6.0647

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.6124, 40.4369, 15.2578 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, 0)` looks like.

```
.text, #text, p{  
    color:rgb(140, 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(140, 0, 0) colored shadow looks like.

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

Border

The CSS property to change the border of an element to HunterLab 23.6124, 40.4369, 15.2578 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, 0) }
```


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

```
.border{ border-color:rgb(140, 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(140, 0, 0) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to HunterLab 23.6124, 40.4369, 15.2578 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, 0) }
```

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

```
.background{ background-color: rgb(140, 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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