

Converting Colors

HunterLab(23.9018, 35.0230,
15.3413)

Have a look what the booklet for
HunterLab(23.9018, 35.0230,
15.3413) contains.

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Color

**HunterLab(23.8479, 35.0604,
15.3088)**

Conversions

Conversions Part 1

Format	Color
Hex	871500
RGB	135, 21, 0
RGB Percent	53%, 8%, 0%
CMY	0.4706, 0.9176, 1.0000
CMYK	0.00, 0.84, 1.00, 0.47
HSL	9°, 100%, 26%
HSV	9°, 100%, 53%
XYZ	10.2598, 5.6872, 0.5570
YIQ	52.6920, 74.6850, 17.6370

Conversions

Conversions Part 2

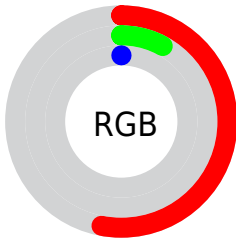
Format	Color
R_YB	135, 25, 0
Decimal	8852736
CIE _{Lab}	28.61, 45.79, 41.36
CIE _{LCh}	29, 61.701, 42.093
Yxy	5.6876, 0.6216, 0.3446
Android (android.graphics.Color)	4287042816 (0xFF871500)
YUV	52.6920, -25.9772, 72.1841
Hunter-Lab	23.8479, 35.0604, 15.3088

Details

The HunterLab color **23.8479, 35.0604, 15.3088** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **37.1233, -15.0113, -13.9958**, and the grayscale version is **18.8332, -1.0049, 1.0232**.

A 20% lighter version of the original color is **41.5316, 38.7732, 22.4311**, and **12.3956, 21.2278, 8.0097** is the 20% darker color. If you saturate the color by 10%, you get **23.8486, 35.0576, 15.3092**, and if you desaturate by 10%, it is **24.9729, 32.0288, 15.0042**.

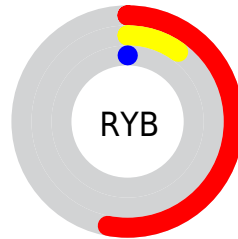
Distribution



Red (53%)

Green (8%)

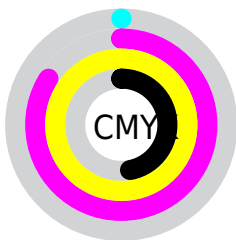
Blue (0%)



Red (53%)

Yellow (10%)

Blue (0%)

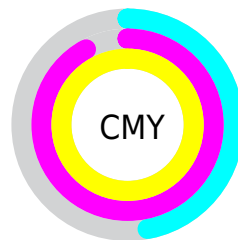


Cyan (0%)

Magenta (84%)

Yellow (100%)

Black (47%)



Cyan (47%)

Magenta (92%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.8479, 35.0604, 15.3088 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 23.8479, 35.0604, 15.3088 by changing the saturation by 10% instead.

■ 23.8479, 35.0604,
15.3088

■ 23.8479, 35.0604,
15.3088

■ 125.0057, 47.5965,
42.7168

■ 16.2974, 33.2004,
11.4082

■ 41.5685, 38.5955,
22.4289

■ 9.7720, 31.5446,
6.8404

■ 51.5834, 40.1978,
25.7078

0.0000, INF, NaN

0.0000, NaN, NaN

■ 62.2941, 41.6841,
28.8149

0.0000, NaN, NaN

■ 73.6580, 43.0600,
31.7838

0.0000, NaN, NaN

■ 85.6394, 44.3324,
34.6405


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 98.2082, 45.5083,


37.4049


0.0000, NaN, NaN


 111.3379, 46.5943,
40.0928


 23.8479, 35.0604,
15.3088


 23.8479, 35.0604,
15.3088


 23.8486, 35.0576,
15.3092

 24.9729, 32.0288,
15.0042

 26.4898, 28.3248,
14.4980

 28.3894, 24.2552,
13.6318

 30.6347, 20.0465,
12.4734

 33.1838, 15.8621,
11.0965

■ 35.9960, 11.8013,
9.5651

■ 39.0348, 7.9141,
7.9278

■ 42.2687, 4.2173,
6.2193

■ 45.6717, 0.7081,
4.4631

Harmonies

Analogous

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



23.8486, 50.0111, 7.8290



23.8479, 35.0604, 15.3088



23.8486, 11.9227, 16.6941

Triad

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



23.8486, 35.0576, 15.3092



23.8486, -28.1719, 10.1116



23.8486, 7.4470, -70.7805

Complementary

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



23.8479, 35.0604, 15.3088



37.1233, -15.0113, -13.9958

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.



23.8486, -12.1071, -67.7198



23.8479, 35.0604, 15.3088



23.8486, -28.6593, -7.8418

Square

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



23.8486, 35.0576, 15.3092



23.8486, -22.1698, 16.0783



23.8486, -23.8409, -39.2891



23.8486, 30.8544, -45.8111

Rectangle

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



23.8479, 35.0604, 15.3088



23.8486, -2.6797, 16.6941



23.8486, -23.8409, -39.2891



23.8486, 0.1655, -73.3444

Sweetspot

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



23.8486, 35.0576, 15.3092



51.9552, 10.9324, 10.7597



25.2644, 48.1425, -21.4763



24.2718, 6.1691, 5.5702



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



23.8486, 35.0576, 15.3092



31.6637, 47.7187, 20.3464



34.7696, 8.2581, 21.5695



21.9025, 0.1929, 2.0507



22.9317, 33.5685, 14.7181



1.5834, 1.3132, 0.9987

Inverse Universe

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



37.1233, -15.0113, -13.9958



49.4878, -19.8375, -19.0321



19.4995, 15.3048, -57.4113



22.7129, -2.4837, 0.3760



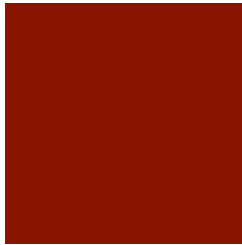
35.6705, -14.4437, -13.4053



2.2876, -1.0895, -0.5074

Previews

White Background



This preview shows how the HunterLab color 23.8479, 35.0604, 15.3088 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

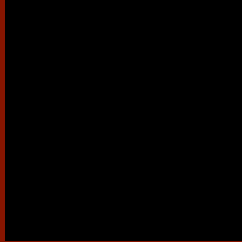
Any Text WCAG AA × Fail

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 23.8479, 35.0604, 15.3088 Background



This preview shows how black text looks on a background with the HunterLab color 23.8479, 35.0604, 15.3088.



This preview shows how white text looks on a background with the HunterLab color 23.8479, 35.0604,

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

23.8479, 35.0604, 15.3088

Protanopia

24.5774, -3.5502, 13.8030

Deuteranopia

24.4359, 0.8668, 15.0725



Tritanopia

23.8639, 35.6626, 13.9074

Trichromacy



Original Color

23.8479, 35.0604, 15.3088

Protanomaly

22.6557, 11.0448, 13.3251

Deuteranomaly

22.9880, 13.8639, 14.4078

Tritanomaly

23.8230, 35.5017, 14.5132

Monochromacy



Original Color

23.8479, 35.0604, 15.3088

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

18.8159, 11.1753, 7.0212

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.8479, 35.0604, 15.3088 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(135, 21, 0)` looks like.

```
.text, #text, p{  
    color:rgb(135, 21, 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(135, 21, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 21, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 23.8479, 35.0604, 15.3088 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(135, 21, 0) }
```


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

```
.border{ border-color:rgb(135, 21, 0) }
```

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

Here you see how a box with a 4 pixel rgb(135, 21, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 21, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 21, 0);  
box-shadow:4px 4px 4px 4px rgb(135, 21, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.8479, 35.0604, 15.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 21, 0) }
```

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

```
.background{ background-color: rgb(135, 21,  
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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