

Converting Colors

HunterLab(24.3745, 9.6639,
16.2624)

Have a look what the booklet for
HunterLab(24.3745, 9.6639,
16.2624) contains.

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Color

**HunterLab(24.4319, 10.0082,
15.2300)**

Conversions

Conversions Part 1

Format	Color
Hex	683A00
RGB	104, 58, 0
RGB Percent	41%, 23%, 0%
CMY	0.5922, 0.7725, 1.0000
CMYK	0.00, 0.44, 1.00, 0.59
HSL	33°, 100%, 20%
HSV	33°, 100%, 41%
XYZ	7.2220, 5.9692, 0.7715
YIQ	65.1420, 46.0340, -8.2860

Conversions

Conversions Part 2

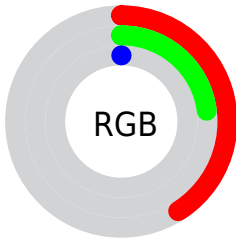
Format	Color
R_YB	82, 104, 0
Decimal	6830592
CIE Lab	29.34, 16.37, 39.54
CIE LCh	29, 42.794, 67.515
Yxy	5.9695, 0.5172, 0.4275
Android (android.graphics.Color)	4285020672 (0xFF683A00)
YUV	65.1420, -32.1150, 34.0785
Hunter-Lab	24.4319, 10.0082, 15.2300

Details

The HunterLab color **24.4319, 10.0082, 15.2300** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **17.1854, 6.0262, -34.4887**, and the grayscale version is **23.1389, -1.2346, 1.2572**.

A 20% lighter version of the original color is **42.1883, 11.2277, 22.1091**, and **10.2247, 8.9227, 6.4567** is the 20% darker color. If you saturate the color by 10%, you get **24.4323, 10.0070, 15.2303**, and if you desaturate by 10%, it is **25.4500, 8.2162, 15.1300**.

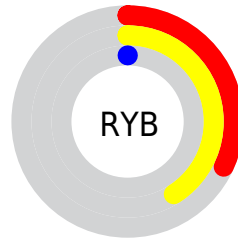
Distribution



Red (41%)

Green (23%)

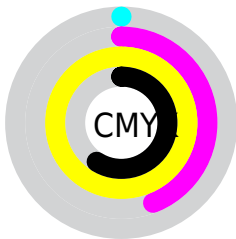
Blue (0%)



Red (32%)

Yellow (41%)

Blue (0%)

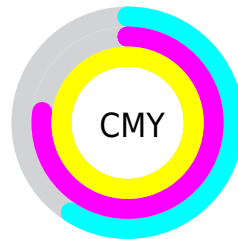


Cyan (0%)

Magenta (44%)

Yellow (100%)

Black (59%)



Cyan (59%)

Magenta (77%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.4319, 10.0082, 15.2300 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 24.4319, 10.0082, 15.2300 by changing the saturation by 10% instead.

■ 24.4319, 10.0082,
15.2300

■ 24.4319, 10.0082,
15.2300

■ 126.0172, 11.7736,
41.6047

■ 16.8123, 9.3203,
11.7686

■ 42.2703, 10.9860,
22.1303

■ 10.2071, 8.4657,
7.1450

■ 52.3373, 11.3184,
25.2654

0.0000, INF, NaN

0.0000, NaN, NaN

■ 63.0967, 11.5642,
28.2402

0.0000, NaN, NaN

■ 74.5065, 11.7331,
31.0868

0.0000, NaN, NaN

■ 86.5315, 11.8329,
33.8297

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.1418, 11.8696,

36.4877

0.0000, NaN, NaN

■ 112.3113, 11.8484,
39.0754

■ 24.4319, 10.0082,
15.2300

■ 24.4319, 10.0082,
15.2300

■ 24.4323, 10.0070,
15.2303

■ 25.4500, 8.2162,
15.1300

■ 26.5234, 6.4921,
14.8927

■ 27.6628, 4.9123,
14.3232

■ 28.8650, 3.4845,
13.4244

■ 30.1267, 2.2110,
12.2084

■ 31.4443, 1.0898,
10.6921

■ 32.8144, 0.1165,
8.8951

■ 34.2335, -0.7154,
6.8377

■ 35.6986, -1.4134,
4.5398

Harmonies

Analogous

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



24.4325, 24.2658, 12.4309



24.4319, 10.0082, 15.2300



24.4325, -4.7659, 15.7198

Triad

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



24.4325, 10.0066, 15.2302



24.4325, -22.8667, -2.3069



24.4325, 17.5896, -29.4339

Complementary

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



24.4319, 10.0082, 15.2300



17.1854, 6.0262, -34.4887

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.



24.4325, 2.3600, -40.8170



24.4319, 10.0082, 15.2300



24.4325, -19.3712, -20.2909

Square

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



24.4325, 10.0066, 15.2302



24.4325, -21.7199, 9.3078



24.4325, -10.8720, -36.7580



24.4325, 29.2934, -10.7967

Rectangle

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



24.4319, 10.0082, 15.2300



24.4325, -12.6565, 14.9609



24.4325, -10.8720, -36.7580



24.4325, 12.5924, -34.6080

Sweetspot

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



24.4325, 10.0066, 15.2302



43.3079, 0.2562, 11.9974



17.7390, 31.5258, 2.5641



21.1112, 0.3160, 6.3043



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



24.4325, 10.0066, 15.2302



32.0103, 14.0065, 19.9698



35.4146, -11.1995, 21.6262



17.5373, -0.7248, 2.0901



27.0083, 11.3626, 16.8413



60.2323, 29.0864, 37.6241

Inverse Universe

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



17.1854, 6.0262, -34.4887



22.2748, 9.0029, -47.2762



10.1641, 27.2381, -69.6563



17.1587, -1.0755, -0.2679



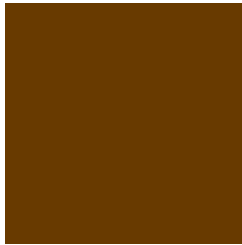
18.9159, 7.0323, -38.8239



41.1960, 20.3600, -95.4429

Previews

White Background



This preview shows how the HunterLab color 24.4319, 10.0082, 15.2300 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

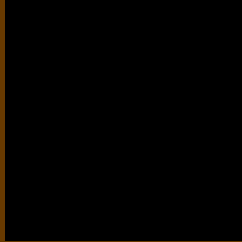
Any Text WCAG AA × Fail

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 24.4319, 10.0082, 15.2300 Background



This preview shows how black text looks on a background with the HunterLab color 24.4319, 10.0082, 15.2300.



This preview shows how white text looks on a background with the HunterLab color 24.4319, 10.0082,

15.2300.

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

24.4319, 10.0082, 15.2300

Protanopia

24.6173, -3.5012, 14.5545

Deuteranopia

24.4359, 0.8668, 15.0725



Tritanopia

24.5112, 15.5592, 5.6933

Trichromacy



Original Color

24.4319, 10.0082, 15.2300

Protanomaly

24.4583, 0.9875, 14.7403

Deuteranomaly

24.3612, 4.2151, 15.0851

Tritanomaly

24.2264, 13.0538, 10.8733

Monochromacy



Original Color

24.4319, 10.0082, 15.2300

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

22.9513, 1.4232, 8.7481

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.4319, 10.0082, 15.2300 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(104, 58, 0)` looks like.

```
.text, #text, p{  
    color:rgb(104, 58, 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(104, 58, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 58, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 24.4319, 10.0082, 15.2300 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(104, 58, 0) }
```


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

```
.border{ border-color:rgb(104, 58, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 58, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 58, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 58, 0);  
box-shadow:4px 4px 4px 4px rgb(104, 58, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.4319, 10.0082, 15.2300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 58, 0) }
```

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

```
.background{ background-color: rgb(104, 58,  
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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