

Converting Colors

HunterLab(23.0264, 0.3672,
13.4018)

Have a look what the booklet for
HunterLab(23.0264, 0.3672,
13.4018) contains.

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Color

**HunterLab(23.0836, 0.0559,
13.4118)**

Conversions

Conversions Part 1

Format	Color
Hex	513F0B
RGB	81, 63, 11
RGB Percent	32%, 25%, 4%
CMY	0.6824, 0.7529, 0.9569
CMYK	0.00, 0.22, 0.86, 0.68
HSL	45°, 76%, 18%
HSV	45°, 86%, 32%
XYZ	5.2313, 5.3285, 1.0694
YIQ	62.4540, 27.4200, -12.3560

Conversions

Conversions Part 2

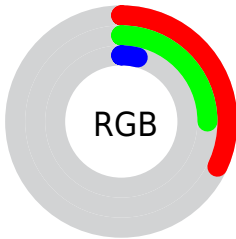
Format	Color
RYB	35, 81, 11
Decimal	5324555
CIELab	27.65, 2.04, 32.43
CIELCh	28, 32.493, 86.400
Yxy	5.3288, 0.4498, 0.4582
Android (android.graphics.Color)	4283514635 (0xFF513F0B)
YUV	62.4540, -25.3668, 16.2648
Hunter-Lab	23.0836, 0.0559, 13.4118

Details

The HunterLab color **23.0836, 0.0559, 13.4118** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **12.4255, 7.8857, -29.3506**, and the grayscale version is **22.1844, -1.1837, 1.2053**.

A 20% lighter version of the original color is **40.5511, -0.4796, 19.1262**, and **9.1837, 0.7184, 5.6715** is the 20% darker color. If you saturate the color by 10%, you get **22.5491, 0.7027, 13.6879**, and if you desaturate by 10%, it is **23.6370, -0.5330, 12.9988**.

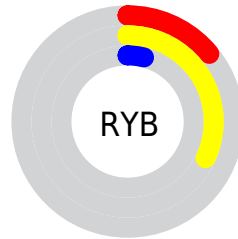
Distribution



 Red (32%)

 Green (25%)

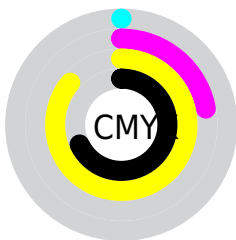
 Blue (4%)



 Red (14%)

 Yellow (32%)

 Blue (4%)

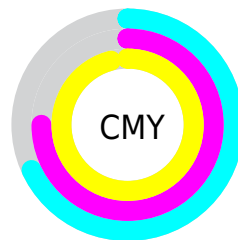


 Cyan (0%)

 Magenta (22%)

 Yellow (86%)

 Black (68%)



 Cyan (68%)

 Magenta (75%)

 Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.0836, 0.0559, 13.4118 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 23.0836, 0.0559, 13.4118 by changing the saturation by 10% instead.

■ 23.0836, 0.0559,
13.4118

■ 23.0836, 0.0559,
13.4118

■ 123.6729, -4.3685,
35.9184

■ 15.6251, 0.2998,
10.9376

■ 40.6469, -0.6212,
19.2777

■ 9.2037, 0.4756,
6.4426

■ 50.5926, -1.0368,
21.9303

0.0000, NaN, NaN

■ 61.2385, -1.4973,
24.4540

0.0000, NaN, NaN

■ 72.5415, -1.9991,
26.8773

0.0000, NaN, NaN

■ 84.4651, -2.5393,
29.2214

0.0000, NaN, NaN

■ 96.9788, -3.1156,

0.0000, NaN, NaN

31.5019

0.0000, NaN, NaN

■ 110.0558, -3.7259,
33.7310

■ 23.0836, 0.0559,
13.4118

■ 23.0836, 0.0559,
13.4118

■ 22.5491, 0.7027,
13.6879

■ 23.6370, -0.5330,
12.9988

■ 22.3591, 0.9345,
13.7939

■ 24.2150, -1.0177,
12.3345

■ 24.8185, -1.3956,
11.4136

■ 25.4473, -1.6654,
10.2359

■ 26.1011, -1.8270,
8.8045

■ 26.7794, -1.8818,
7.1254

■ 27.4817, -1.8318,
5.2061

■ 28.2073, -1.6800,
3.0557

■ 28.9555, -1.4298,
0.6841

Harmonies

Analogous

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



23.0842, 11.1029, 12.2452



23.0836, 0.0559, 13.4118



23.0842, -9.5799, 12.7214

Triad

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



23.0842, 0.0549, 13.4120



23.0842, -16.7411, -9.0789



23.0842, 18.2152, -12.1801

Complementary

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



23.0836, 0.0559, 13.4118



12.4255, 7.8857, -29.3506

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.



23.0842, 8.4996, -23.5801



23.0836, 0.0559, 13.4118



23.0842, -11.4226, -21.2949

Square

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



23.0842, 0.0549, 13.4120



23.0842, -18.1938, 2.4358



23.0842, -2.4931, -27.5001



23.0842, 22.7085, 0.0115

Rectangle

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



23.0836, 0.0559, 13.4118



23.0842, -14.1659, 10.9976



23.0842, -2.4931, -27.5001



23.0842, 15.3753, -16.4108

Sweetspot

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



23.0842, 0.0549, 13.4120



34.8863, -2.4541, 9.4053



14.4248, 21.0761, 4.2998



17.6788, -1.2476, 5.0158



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



23.0842, 0.0549, 13.4120



28.9446, 1.6049, 17.8637



26.4981, -11.6066, 15.4163



14.4913, -0.8911, 1.8468



68.4228, 5.7979, 42.2633

Inverse Universe

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



12.4255, 7.8857, -29.3506



13.3758, 15.5056, -50.1908



10.3492, 17.5189, -37.9135



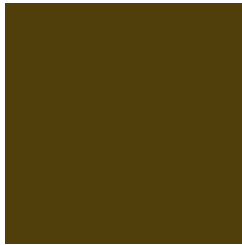
13.8505, -0.5838, -0.3777



30.0426, 43.5058, -131.4671

Previews

White Background



This preview shows how the HunterLab color 23.0836, 0.0559, 13.4118 looks on a white background.

Color Contrast Check

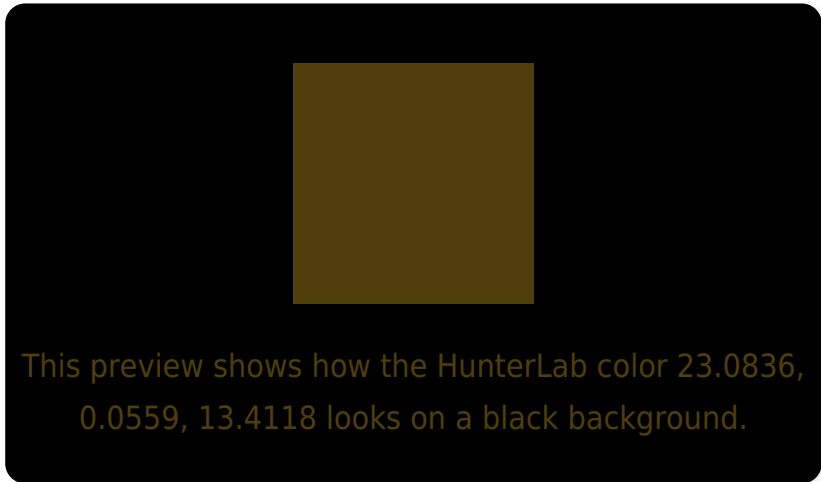
Large Text (above 18pt) WCAG AA ✓ Pass

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

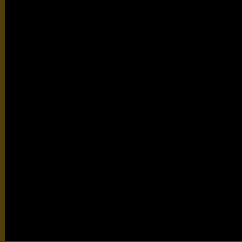
Any Text WCAG AA × Fail

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 23.0836, 0.0559, 13.4118 Background



This preview shows how black text looks on a background with the HunterLab color 23.0836, 0.0559, 13.4118.



This preview shows how white text looks on a background with the HunterLab color 23.0836, 0.0559,

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

23.0836, 0.0559, 13.4118

Protanopia

23.1923, -3.3460, 13.3432

Deuteranopia

23.0452, 1.1588, 13.3257



Tritanopia

23.1768, 6.5543, 2.3661

Trichromacy



Original Color

23.0836, 0.0559, 13.4118

Protanomaly

23.2054, -2.0162, 13.3751

Deuteranomaly

22.9470, 0.8267, 13.2556

Tritanomaly

22.9185, 3.8022, 8.0243

Monochromacy



Original Color

23.0836, 0.0559, 13.4118

Achromatopsia

21.9481, -1.1711, 1.1925

Achromatomaly

22.1018, -1.4229, 7.4630

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.0836, 0.0559, 13.4118 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(81, 63, 11)` looks like.

```
.text, #text, p{  
    color:rgb(81, 63, 11)  
}
```

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(81, 63, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 63, 11) }
```

Border

The CSS property to change the border of an element to HunterLab 23.0836, 0.0559, 13.4118 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(81, 63, 11) }
```

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

```
.border{ border-color:rgb(81, 63, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 63, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 63, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 63, 11);  
box-shadow:4px 4px 4px 4px rgb(81, 63, 11)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.0836, 0.0559, 13.4118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 63, 11) }
```

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

```
.background{ background-color: rgb(81, 63,  
11) }
```

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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