

Converting Colors

HunterLab(23.4519, 16.0412,
13.4503)

Have a look what the booklet for
HunterLab(23.4519, 16.0412,
13.4503) contains.

HunterLab(23.4206, 16.1638, 13.4737)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(23.4206, 16.1638,
13.4737)**

Conversions

Conversions Part 1

Format	Color
Hex	6D3110
RGB	109, 49, 16
RGB Percent	43%, 19%, 6%
CMY	0.5726, 0.8078, 0.9373
CMYK	0.00, 0.55, 0.85, 0.57
HSL	21°, 74%, 25%
HSV	21°, 85%, 43%
XYZ	7.4985, 5.4852, 1.1537
YIQ	63.1780, 46.3530, 2.4570

Conversions

Conversions Part 2

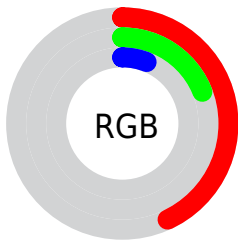
Format	Color
R_{YB}	109, 67, 16
Decimal	7155984
CIE Lab	28.08, 24.47, 32.06
CIE LCh	28, 40.331, 52.655
Yxy	5.4855, 0.5304, 0.3880
Android (android.graphics.Color)	4285346064 (0xFF6D3110)
YUV	63.1780, -23.2588, 40.1859
Hunter-Lab	23.4206, 16.1638, 13.4737

Details

The HunterLab color **23.4206, 16.1638, 13.4737** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **25.2639, -4.9410, -18.4726**, and the grayscale version is **22.4243, -1.1965, 1.2184**.

A 20% lighter version of the original color is **41.0921, 17.7209, 19.2610**, and **9.4819, 13.8844, 6.0858** is the 20% darker color. If you saturate the color by 10%, you get **22.1728, 18.8511, 13.6011**, and if you desaturate by 10%, it is **24.8227, 13.5073, 13.0698**.

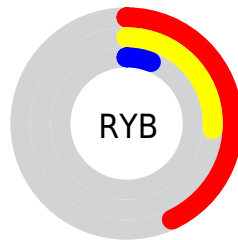
Distribution



Red (43%)

Green (19%)

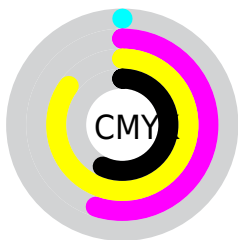
Blue (6%)



Red (43%)

Yellow (26%)

Blue (6%)

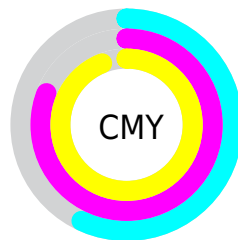


Cyan (0%)

Magenta (55%)

Yellow (85%)

Black (57%)



Cyan (57%)

Magenta (81%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.4206, 16.1638, 13.4737 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 23.4206, 16.1638, 13.4737 by changing the saturation by 10% instead.

■ 23.4206, 16.1638,
13.4737

■ 23.4206, 16.1638,
13.4737

■ 124.2618, 21.2869,
35.7277

■ 15.9213, 15.0207,
11.1449

■ 41.0536, 18.0046,
19.2609

■ 9.4554, 13.7257,
6.6188

■ 51.0300, 18.7396,
21.8811

0.0000, INF, NaN

0.0000, NaN, NaN

■ 61.7046, 19.3700,
24.3759

0.0000, NaN, NaN

■ 73.0345, 19.9071,
26.7730

0.0000, NaN, NaN

■ 84.9838, 20.3603,
29.0930

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 97.5219, 20.7373,


31.3513


0.0000, NaN, NaN


 110.6222, 21.0443,
33.5598


 23.4206, 16.1638,
13.4737


 23.4206, 16.1638,
13.4737

 22.1728, 18.8511,
13.6011

 24.8227, 13.5073,
13.0698

 21.6365, 20.0649,
13.6836

 26.3673, 10.9568,
12.3537

 28.0413, 8.5432,
11.3545

 29.8318, 6.2823,
10.1054

 31.7265, 4.1782,
8.6390

■ 33.7147, 2.2275,
6.9852

■ 35.7868, 0.4220,
5.1698

■ 37.9346, -1.2487,
3.2150

■ 40.1508, -2.7960,
1.1394

Harmonies

Analogous

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



23.4212, 26.9769, 8.7812



23.4206, 16.1638, 13.4737



23.4212, 2.0729, 14.9071

Triad

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



23.4212, 16.1620, 13.4740



23.4212, -21.4363, 4.1484



23.4212, 9.3155, -33.5981

Complementary

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



23.4206, 16.1638, 13.4737



25.2639, -4.9410, -18.4726

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.



23.4212, -4.3992, -37.3734



23.4206, 16.1638, 13.4737



23.4212, -20.3284, -10.0225

Square

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



23.4212, 16.1620, 13.4740



23.4212, -18.1652, 11.6813



23.4212, -14.7102, -27.0739



23.4212, 22.4541, -18.5342

Rectangle

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



23.4206, 16.1638, 13.4737



23.4212, -6.5413, 14.7922



23.4212, -14.7102, -27.0739



23.4212, 4.5551, -36.4762

Sweetspot

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



23.4212, 16.1620, 13.4740



44.7360, 3.3343, 9.6710



20.3712, 32.8031, -7.0129



21.2532, 1.9205, 4.9413



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



23.4212, 16.1620, 13.4740



28.5680, 27.8771, 18.0915



33.8851, -4.0035, 19.9520



18.1004, -0.3207, 1.9189



23.3074, 21.9454, 14.7461



51.1591, 53.4710, 32.4601

Inverse Universe

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



25.2639, -4.9410, -18.4726



31.0690, -3.9235, -30.3638



14.6298, 16.3331, -49.3329



18.2211, -1.5586, 0.0237



25.3285, -3.5169, -24.0665



55.6856, -5.5637, -57.5917

Previews

White Background



This preview shows how the HunterLab color 23.4206, 16.1638, 13.4737 looks on a white background.

Color Contrast Check

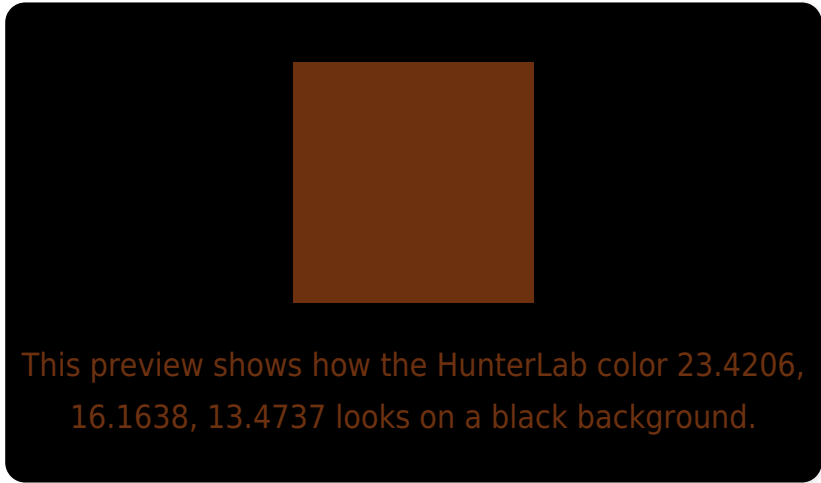
Large Text (above 18pt) WCAG AA ✓ Pass

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

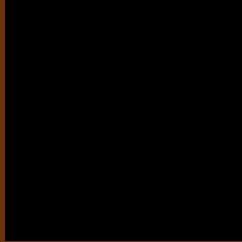
Any Text WCAG AA × Fail

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 23.4206, 16.1638, 13.4737 Background



This preview shows how black text looks on a background with the HunterLab color 23.4206, 16.1638, 13.4737.



This preview shows how white text looks on a background with the HunterLab color 23.4206, 16.1638,

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

23.4206, 16.1638, 13.4737

Protanopia

23.5888, -3.1104, 12.6976

Deuteranopia

23.6927, 0.8641, 14.1114



Tritanopia

23.4323, 19.6437, 7.4305

Trichromacy



Original Color

23.4206, 16.1638, 13.4737

Protanomaly

23.0325, 3.5877, 12.6694

Deuteranomaly

23.5149, 6.1770, 13.8739

Tritanomaly

23.4128, 18.3490, 10.3158

Monochromacy



Original Color

23.4206, 16.1638, 13.4737

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

22.2010, 3.8775, 6.8451

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.4206, 16.1638, 13.4737 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(109, 49, 16)` looks like.

```
.text, #text, p{  
    color:rgb(109, 49, 16)  
}
```

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(109, 49, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 49, 16) }
```

Border

The CSS property to change the border of an element to HunterLab 23.4206, 16.1638, 13.4737 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(109, 49, 16) }
```


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

```
.border{ border-color:rgb(109, 49, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 49, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 49, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 49, 16);  
box-shadow:4px 4px 4px 4px rgb(109, 49,  
16) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.4206, 16.1638, 13.4737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 49, 16) }
```

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

```
.background{ background-color: rgb(109, 49,  
16) }
```

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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