

Converting Colors

HunterLab(23.5059, -9.5422,
14.0586)

Have a look what the booklet for
HunterLab(23.5059, -9.5422,
14.0586) contains.

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Color

**HunterLab(23.4006, -9.3817,
13.9641)**

Conversions

Conversions Part 1

Format	Color
Hex	3C4704
RGB	60, 71, 4
RGB Percent	24%, 28%, 2%
CMY	0.7647, 0.7216, 0.9843
CMYK	0.15, 0.00, 0.94, 0.72
HSL	70°, 89%, 15%
HSV	70°, 94%, 28%
XYZ	4.1386, 5.4759, 0.9537
YIQ	60.0730, 14.9510, -23.1690

Conversions

Conversions Part 2

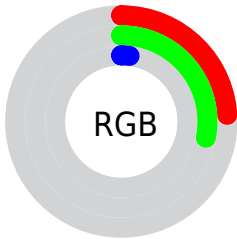
Format	Color
R_{YB}	4, 71, 15
Decimal	3950340
CIE _{Lab}	28.05, -13.97, 34.72
CIE _{LCh}	28, 37.424, 111.913
Yxy	5.4761, 0.3916, 0.5181
Android (android.graphics.Color)	4282140420 (0xFF3C4704)
YUV	60.0730, -27.6440, -0.0640
Hunter-Lab	23.4006, -9.3817, 13.9641

Details

The HunterLab color **23.4006, -9.3817, 13.9641** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **8.0214, 16.6250, -38.8308**, and the grayscale version is **21.3712, -1.1403, 1.1611**.

A 20% lighter version of the original color is **40.9459, -12.0630, 20.1424**, and **9.4265, -6.4998, 5.6948** is the 20% darker color. If you saturate the color by 10%, you get **23.3388, -9.6586, 14.2122**, and if you desaturate by 10%, it is **23.5127, -8.8902, 13.5266**.

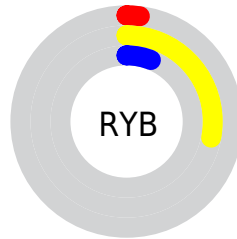
Distribution



Red (24%)

Green (28%)

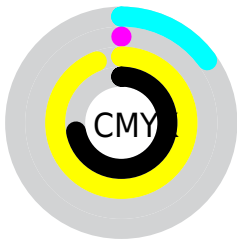
Blue (2%)



Red (2%)

Yellow (28%)

Blue (6%)

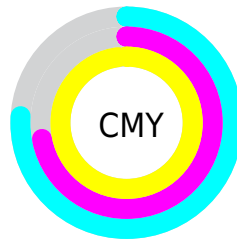


Cyan (15%)

Magenta (0%)

Yellow (94%)

Black (72%)



Cyan (76%)

Magenta (72%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.4006, -9.3817, 13.9641 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 23.4006, -9.3817, 13.9641 by changing the saturation by 10% instead.

■ 23.4006, -9.3817,
13.9641

■ 23.4006, -9.3817,
13.9641

■ 124.2267,
-21.5521, 37.7470

■ 15.9036, -7.8425,
11.1325

■ 41.0294, -12.2305,
20.1849

■ 9.4405, -6.9509,
6.6083

■ 51.0039, -13.5937,
22.9960

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.6769, -14.9357,
25.6671

0.0000, NaN, NaN

■ 73.0052, -16.2650,
28.2282

0.0000, NaN, NaN

■ 84.9529, -17.5875,
30.7016


0.0000, NaN, NaN


0.0000, NaN, NaN

■ 97.4895, -18.9076,


33.1043


0.0000, NaN, NaN


 110.5885,
-20.2283, 35.4493


 23.4006, -9.3817,
13.9641


 23.4006, -9.3817,
13.9641


 23.3388, -9.6586,
14.2122

 23.5127, -8.8902,
13.5266

 23.6346, -8.3436,
12.9600

 23.7727, -7.7090,
12.1770

 23.9282, -6.9822,
11.1647

 24.1016, -6.1600,
9.9134

■ 24.2938, -5.2408,
8.4165

■ 24.5052, -4.2238,
6.6700

■ 24.7361, -3.1092,
4.6721

■ 24.9868, -1.8978,
2.4233

Harmonies

Analogous

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



23.4011, 2.1451, 14.3773



23.4006, -9.3817, 13.9641



23.4011, -17.0090, 11.2865

Triad

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



23.4011, -9.3824, 13.9642



23.4011, -14.0419, -24.0014



23.4011, 26.8232, -2.0907

Complementary

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



23.4006, -9.3817, 13.9641



8.0214, 16.6250, -38.8308

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.



23.4011, 20.2421, -17.1134



23.4006, -9.3817, 13.9641



23.4011, -4.4617, -33.3766

Square

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



23.4011, -9.3824, 13.9642



23.4011, -19.2898, -8.6870



23.4011, 8.1715, -30.3597



23.4011, 24.7555, 8.1694

Rectangle

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



23.4006, -9.3817, 13.9641



23.4011, -19.6458, 7.2005



23.4011, 8.1715, -30.3597



23.4011, 25.5083, -6.7742

Sweetspot

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



23.4011, -9.3824, 13.9642



31.7307, -6.1327, 9.7863



12.8993, 15.8729, 7.6981



16.0073, -3.2386, 5.1842



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



23.4011, -9.3824, 13.9642



30.3085, -12.7074, 18.4535



21.8053, -15.7349, 12.8484



13.0690, -1.2726, 1.7893



32.9448, -13.8619, 20.0578



81.1277, -35.0175, 49.3775

Inverse Universe

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



8.0214, 16.6250, -38.8308



9.3349, 24.2262, -57.8427



10.7674, 20.5911, -25.8315



12.1830, -0.0456, -0.4999



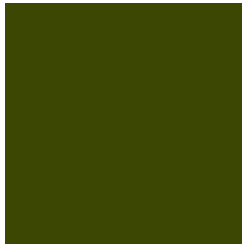
10.1123, 26.3112, -63.1825



24.3754, 64.4842, -160.5310

Previews

White Background



This preview shows how the HunterLab color 23.4006, -9.3817, 13.9641 looks on a white background.

Color Contrast Check

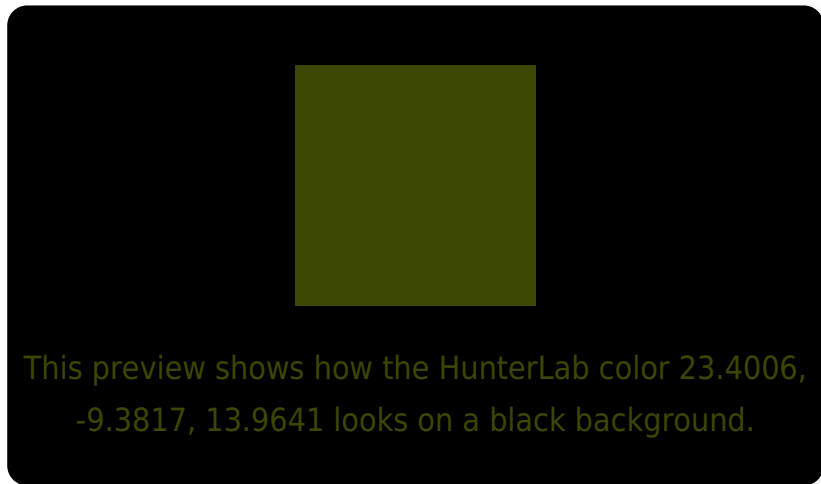
Large Text (above 18pt) WCAG AA ✓ Pass

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

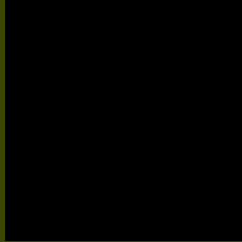
Any Text WCAG AA × Fail

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 23.4006, -9.3817, 13.9641 Background



This preview shows how black text looks on a background with the HunterLab color 23.4006, -9.3817, 13.9641.



This preview shows how white text looks on a background with the HunterLab color 23.4006, -9.3817, 13.9641.

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

23.4006, -9.3817, 13.9641

Protanopia

23.2213, -3.3568, 14.2501

Deuteranopia

23.3857, 1.1041, 13.4641



Tritanopia

23.4726, -0.5268, -0.6032

Trichromacy



Original Color

23.4006, -9.3817, 13.9641

Protanomaly

23.3206, -5.6143, 14.1988

Deuteranomaly

23.2684, -3.0945, 13.5520

Tritanomaly

23.3012, -4.8142, 7.4308

Monochromacy



Original Color

23.4006, -9.3817, 13.9641

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

21.8647, -4.9557, 7.9425

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.4006, -9.3817, 13.9641 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(60, 71, 4)` looks like.

```
.text, #text, p{  
    color:rgb(60, 71, 4)  
}
```

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(60, 71, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 71, 4) }
```

Border

The CSS property to change the border of an element to HunterLab 23.4006, -9.3817, 13.9641 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(60, 71, 4) }
```


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

```
.border{ border-color:rgb(60, 71, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 71, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 71, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(60, 71, 4); box-shadow:4px  
4px 4px 4px rgb(60, 71, 4) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.4006, -9.3817, 13.9641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 71, 4) }
```

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

```
.background{ background-color: rgb(60, 71,  
4) }
```

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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