

Converting Colors

HunterLab(23.3610, -9.6364,
8.7836)

Have a look what the booklet for
HunterLab(23.3610, -9.6364, 8.7836)
contains.

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Color

**HunterLab(23.5201, -9.6538,
8.8022)**

Conversions

Conversions Part 1

Format	Color
Hex	34482A
RGB	52, 72, 42
RGB Percent	20%, 28%, 16%
CMY	0.7961, 0.7176, 0.8353
CMYK	0.28, 0.00, 0.42, 0.72
HSL	100°, 26%, 22%
HSV	100°, 42%, 28%
XYZ	4.1514, 5.5320, 3.0394
YIQ	62.6000, -2.2900, -13.5700

Conversions

Conversions Part 2

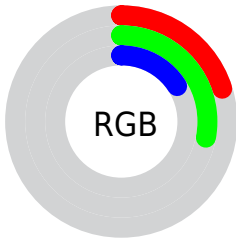
Format	Color
R_{YB}	42, 72, 62
Decimal	3426346
CIE _{Lab}	28.20, -14.43, 15.54
CIE _{LCh}	28, 21.204, 132.886
Yxy	5.5322, 0.3263, 0.4348
Android (android.graphics.Color)	4281616426 (0xFF34482A)
YUV	62.6000, -10.1558, -9.2962
Hunter-Lab	23.5201, -9.6538, 8.8022

Details

The HunterLab color $[23.5201, -9.6538, 8.8022]$ is a dark color, and the websafe version is hex 333300 . A complement of this color would be $[17.7428, 9.0356, -9.3969]$, and the grayscale version is $[22.1912, -1.1841, 1.2057]$.

A 20% lighter version of the original color is $[41.2698, -12.7749, 11.9428]$, and $[9.6789, -6.7575, 5.8458]$ is the 20% darker color. If you saturate the color by 10%, you get $[23.1608, -11.2493, 10.0437]$, and if you desaturate by 10%, it is $[23.9215, -7.8955, 7.3450]$.

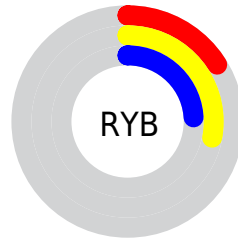
Distribution



Red (20%)

Green (28%)

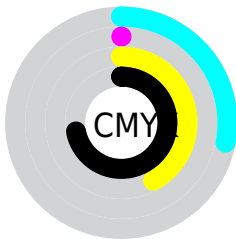
Blue (16%)



Red (16%)

Yellow (28%)

Blue (24%)

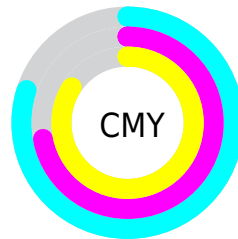


Cyan (28%)

Magenta (0%)

Yellow (42%)

Black (72%)



Cyan (80%)

Magenta (72%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.5201, -9.6538, 8.8022 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 23.5201, -9.6538, 8.8022 by changing the saturation by 10% instead.

■ 23.5201, -9.6538,
8.8022

■ 23.5201, -9.6538,
8.8022

124.4350,
-22.0552, 21.8930

■ 16.0087, -8.0758,
7.0770

■ 41.1734, -12.5672,
11.9361

■ 9.5288, -7.1111,
6.6702

■ 51.1588, -13.9587,
13.4151

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.8418, -15.3271,
14.8611

0.0000, NaN, NaN

■ 73.1797, -16.6811,
16.2853

0.0000, NaN, NaN

■ 85.1364, -18.0270,
17.6956

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.6817, -19.3692,

110.7889,
-20.7111, 20.4957

23.5201, -9.6538,
8.8022

23.5201, -9.6538,
8.8022

23.1608, -11.2493,
10.0437

23.9215, -7.8955,
7.3450

22.8421, -12.6728,
11.0664

24.3633, -5.9822,
5.6772

22.5641, -13.9198,
11.8717

24.8452, -3.9251,
3.8072

22.3261, -14.9878,
12.4656

25.3664, -1.7354,
1.7449

22.1245, -15.8921,
12.8931

25.9260, 0.5749,
-0.4983

■ 21.9753, -16.5729,
13.2509

■ 26.5229, 2.9941,
-2.9103

■ 27.1557, 5.5108,
-5.4787

■ 27.8231, 8.1140,
-8.1909

■ 28.5239, 10.7935,
-11.0348

Harmonies

Analogous

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



23.5206, -4.1546, 10.5875



23.5201, -9.6538, 8.8022



23.5206, -12.6837, 4.7130

Triad

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



23.5206, -9.6543, 8.8024



23.5206, -5.0500, -14.3399



23.5206, 13.1921, 3.9352

Complementary

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



23.5201, -9.6538, 8.8022



17.7428, 9.0356, -9.3969

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.



23.5206, 12.8802, -2.7632



23.5201, -9.6538, 8.8022



23.5206, 1.7896, -14.7293

Square

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



23.5206, -9.6543, 8.8024



23.5206, -10.2442, -9.0818



23.5206, 8.5154, -10.0284



23.5206, 9.3239, 8.3757

Rectangle

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



23.5201, -9.6538, 8.8022



23.5206, -13.1389, 0.6331



23.5206, 8.5154, -10.0284



23.5206, 13.5846, 1.9096

Sweetspot

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



23.5206, -9.6543, 8.8024



32.6572, -5.6956, 5.5002



22.3391, -0.6333, 7.9402



16.8184, -3.1265, 3.0103



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



23.5206, -9.6543, 8.8024



30.5416, -14.9094, 13.3018



23.0921, -11.1499, 7.1289



12.9511, -1.6898, 1.6525



30.5532, -23.4591, 18.4160



75.1217, -59.2101, 45.2531

Inverse Universe

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



17.7428, 9.0356, -9.3969



21.2315, 15.4165, -16.4499



18.5446, 10.9939, -5.3587



12.3061, 0.3744, -0.3367



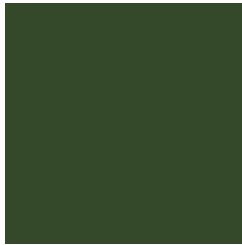
14.4162, 30.9968, -39.5875



34.8596, 75.5995, -100.7385

Previews

White Background



This preview shows how the HunterLab color 23.5201, -9.6538, 8.8022 looks on a white background.

Color Contrast Check

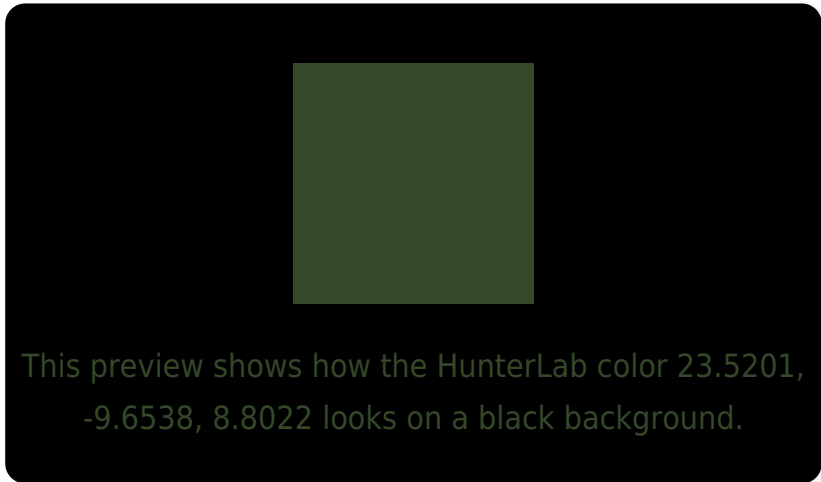
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5201, -9.6538, 8.8022 Background



This preview shows how black text looks on a background with the HunterLab color 23.5201, -9.6538, 8.8022.



This preview shows how white text looks on a background with the HunterLab color 23.5201, -9.6538,

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

23.5201, -9.6538, 8.8022

Protanopia

23.3797, -2.1381, 9.2781

Deuteranopia

23.3288, 1.5668, 8.3465



Tritanopia

23.4489, -3.0465, -1.9851

Trichromacy



Original Color

23.5201, -9.6538, 8.8022

Protanomaly

23.2769, -5.0964, 8.9104

Deuteranomaly

23.1796, -2.7533, 8.3890

Tritanomaly

23.2729, -5.6519, 2.6312

Monochromacy



Original Color

23.5201, -9.6538, 8.8022

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

22.5878, -4.4301, 4.3535

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.5201, -9.6538, 8.8022 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(52, 72, 42)` looks like.

```
.text, #text, p{  
    color:rgb(52, 72, 42)  
}
```

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(52, 72, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 72, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 23.5201, -9.6538, 8.8022 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(52, 72, 42) }
```


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

```
.border{ border-color:rgb(52, 72, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 72, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 72, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 72, 42);  
box-shadow:4px 4px 4px 4px rgb(52, 72, 42)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.5201, -9.6538, 8.8022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 72, 42) }
```

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

```
.background{ background-color: rgb(52, 72,  
42) }
```

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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