

Converting Colors

HunterLab(38.3896, 12.4188,
23.8729)

Have a look what the booklet for
HunterLab(38.3896, 12.4188,
23.8729) contains.

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Color

**HunterLab(38.4418, 12.3125,
23.9032)**

Conversions

Conversions Part 1

Format	Color
Hex	995E00
RGB	153, 94, 0
RGB Percent	60%, 37%, 0%
CMY	0.4000, 0.6314, 1.0000
CMYK	0.00, 0.39, 1.00, 0.40
HSL	37°, 100%, 30%
HSV	37°, 100%, 60%
XYZ	17.1396, 14.7777, 1.9490
YIQ	100.9250, 65.3380, -16.7260

Conversions

Conversions Part 2

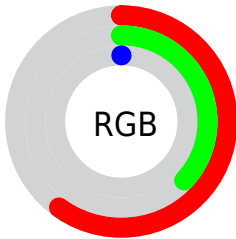
Format	Color
R_{YB}	96, 153, 0
Decimal	10051072
CIE _{Lab}	45.33, 18.13, 53.42
CIE _{LCh}	45, 56.414, 71.250
Yxy	14.7785, 0.5061, 0.4364
Android (android.graphics.Color)	4288241152 (0xFF995E00)
YUV	100.9250, -49.7560, 45.6698
Hunter-Lab	38.4418, 12.3125, 23.9032

Details

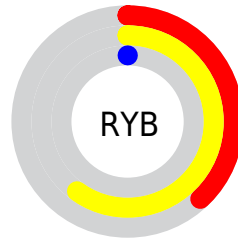
The HunterLab color **38.4418, 12.3125, 23.9032** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **23.2977, 15.2647, -62.0714**, and the grayscale version is **36.2111, -1.9321, 1.9674**.

A 20% lighter version of the original color is **58.5404, 13.2407, 31.9744**, and **21.4492, 11.4039, 13.4166** is the 20% darker color. If you saturate the color by 10%, you get **38.4423, 12.3110, 23.9035**, and if you desaturate by 10%, it is **39.8793, 9.7640, 24.0554**.

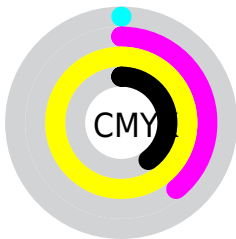
Distribution



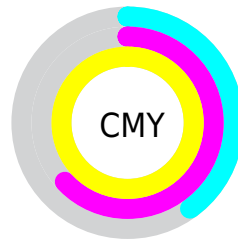
- Red (60%)
- Green (37%)
- Blue (0%)



- Red (38%)
- Yellow (60%)
- Blue (0%)



- Cyan (0%)
- Magenta (39%)
- Yellow (100%)
- Black (40%)



- Cyan (40%)
- Magenta (63%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.4418, 12.3125, 23.9032 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 38.4418, 12.3125, 23.9032 by changing the saturation by 10% instead.

■ 38.4418, 12.3125,
23.9032

■ 38.4418, 12.3125,
23.9032

■ 149.0039, 13.7163,
55.9231

■ 29.4348, 11.7406,
19.5492

■ 58.7061, 13.1338,
32.1040

■ 21.2667, 11.0417,
14.8867

■ 69.8599, 13.4135,
35.8919

■ 14.0359, 10.1890,
9.8251

■ 81.6424, 13.6177,
39.5151

■ 7.6811, 10.1223,
5.3767

■ 94.0215, 13.7535,
42.9996

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.9699, 13.8268,
46.3668


0.0000, NaN, NaN

■ 120.4635, 13.8424,


0.0000, NaN, NaN


49.6341

0.0000, NaN, NaN

 134.4811, 13.8044,
52.8156


 38.4418, 12.3125,
23.9032


 38.4418, 12.3125,
23.9032


 38.4423, 12.3110,
23.9035

 39.8793, 9.7640,
24.0554

 41.3966, 7.3819,
23.8199

 43.0021, 5.2316,
23.0390

 44.6934, 3.3272,
21.7029

 46.4673, 1.6735,
19.8201

■ 48.3201, 0.2692,
17.4103

■ 50.2478, -0.8917,
14.4998

■ 52.2464, -1.8181,
11.1181

■ 54.3118, -2.5208,
7.2962

Harmonies

Analogous

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



38.4428, 34.6466, 20.1500



38.4418, 12.3125, 23.9032



38.4428, -9.8652, 24.2209

Triad

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



38.4428, 12.3102, 23.9036



38.4428, -35.0330, -6.4915



38.4428, 29.5341, -41.3516

Complementary

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



38.4418, 12.3125, 23.9032



23.2977, 15.2647, -62.0714

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.



38.4428, 6.4370, -60.8060



38.4418, 12.3125, 23.9032



38.4428, -28.6792, -34.3909

Square

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



38.4428, 12.3102, 23.9036



38.4428, -34.1412, 12.7959



38.4428, -14.5754, -57.7229



38.4428, 46.0151, -12.9899

Rectangle

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



38.4418, 12.3125, 23.9032



38.4428, -21.4056, 22.9169



38.4428, -14.5754, -57.7229



38.4428, 22.0955, -49.7086

Sweetspot

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



38.4428, 12.3102, 23.9036



67.0874, -1.1097, 19.6545



26.6673, 46.9392, 7.3746



31.0535, -0.2548, 9.9696



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



38.4428, 12.3102, 23.9036



51.0858, 17.2097, 31.7801



53.0660, -19.4593, 32.3582



26.1201, -1.2304, 3.3488



35.0426, 11.0008, 21.7857



5.0372, -0.0500, 3.1030

Inverse Universe

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



23.2977, 15.2647, -62.0714



30.6336, 21.7325, -85.2035



15.5053, 41.3840, -104.9601



25.2931, -1.4252, -0.6818



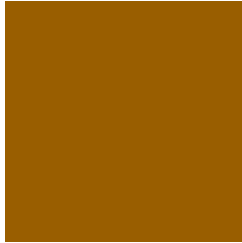
21.3229, 13.5404, -55.8816



3.6762, -0.3927, -3.7472

Previews

White Background



This preview shows how the HunterLab color 38.4418, 12.3125, 23.9032 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 × Fail

Black Background



This preview shows how the HunterLab color 38.4418, 12.3125, 23.9032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 38.4418, 12.3125, 23.9032 Background



This preview shows how black text looks on a background with the HunterLab color 38.4418, 12.3125, 23.9032.



This preview shows how white text looks on a background with the HunterLab color 38.4418, 12.3125,

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

38.4418, 12.3125, 23.9032

Protanopia

38.5835, -5.3016, 23.1956

Deuteranopia

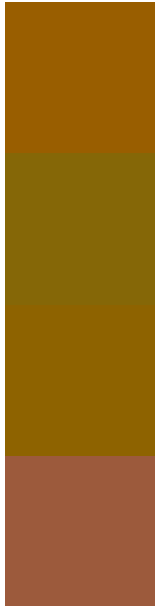
38.3888, 2.1235, 23.6922



Tritanopia

38.4612, 22.4191, 7.7675

Trichromacy



Original Color

38.4418, 12.3125, 23.9032

Protanomaly

38.3437, 0.6860, 23.3284

Deuteranomaly

38.3073, 5.7335, 23.7051

Tritanomaly

38.3490, 17.5197, 17.3279

Monochromacy



Original Color

38.4418, 12.3125, 23.9032

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

36.1920, 0.9719, 14.3722

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.4418, 12.3125, 23.9032 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(153, 94, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 94, 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(153, 94, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 94, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 38.4418, 12.3125, 23.9032 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(153, 94, 0) }
```


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

```
.border{ border-color:rgb(153, 94, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 94, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 94, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 94, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 94, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 38.4418, 12.3125, 23.9032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 94, 0) }
```

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

```
.background{ background-color: rgb(153, 94,  
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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