

Converting Colors

HunterLab(40.3457, 8.5431,
25.0104)

Have a look what the booklet for
HunterLab(40.3457, 8.5431,
25.0104) contains.

HunterLab(40.3423, 8.5498, 25.0084)	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(40.3423, 8.5498,
25.0084)**

Conversions

Conversions Part 1

Format	Color
Hex	996600
RGB	153, 102, 0
RGB Percent	60%, 40%, 0%
CMY	0.4000, 0.6000, 1.0000
CMYK	0.00, 0.33, 1.00, 0.40
HSL	40°, 100%, 30%
HSV	40°, 100%, 60%
XYZ	17.8882, 16.2750, 2.1986
YIQ	105.6210, 63.1380, -20.9100

Conversions

Conversions Part 2

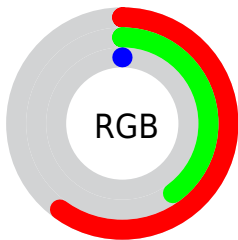
Format	Color
R_YB	77, 153, 0
Decimal	10053120
CIE Lab	47.33, 13.55, 54.73
CIE LCh	47, 56.384, 76.100
Yxy	16.2758, 0.4919, 0.4476
Android (android.graphics.Color)	4288243200 (0xFF996600)
YUV	105.6210, -52.0712, 41.5514
Hunter-Lab	40.3423, 8.5498, 25.0084

Details

The HunterLab color **40.3423, 8.5498, 25.0084** is a dark color, and the websafe version is hex **996600**, and the color name is **gamboge orange (brown)**. A complement of this color would be **21.6048, 19.4780, -69.0504**, and the grayscale version is **37.9958, -2.0274, 2.0644**.

A 20% lighter version of the original color is **60.9322, 8.8259, 33.2660**, and **22.8455, 8.3855, 14.2241** is the 20% darker color. If you saturate the color by 10%, you get **40.3428, 8.5484, 25.0087**, and if you desaturate by 10%, it is **41.6470, 6.3823, 25.1146**.

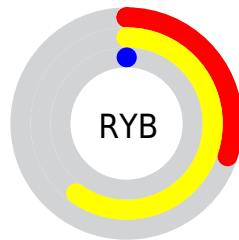
Distribution



Red (60%)

Green (40%)

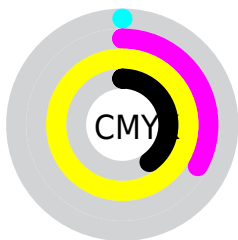
Blue (0%)



Red (30%)

Yellow (60%)

Blue (0%)

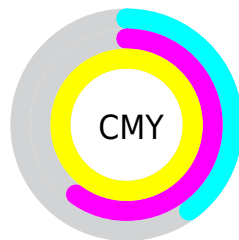


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3423, 8.5498, 25.0084 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 40.3423, 8.5498, 25.0084 by changing the saturation by 10% instead.

40.3423, 8.5498,
25.0084

40.3423, 8.5498,
25.0084

151.9750, 8.0629,
57.4631

31.1762, 8.2461,
20.5421

60.8904, 8.8810,
33.2973

22.8329, 7.8340,
15.9830

72.1731, 8.9345,
37.1334

15.4046, 7.2875,
10.7832

84.0775, 8.9231,
40.8062

9.0109, 6.6200,
6.3076

96.5729, 8.8525,
44.3409

0.0000, INF, NaN

0.0000, NaN, NaN

109.6324, 8.7275,
47.7584

0.0000, NaN, NaN

123.2327, 8.5521,

0.0000, NaN, NaN

51.0757

0.0000, NaN, NaN

■ 137.3531, 8.3296,
54.3067

■ 40.3423, 8.5498,
25.0084

■ 40.3423, 8.5498,
25.0084

■ 40.3428, 8.5484,
25.0087

■ 41.6470, 6.3823,
25.1146

■ 43.0145, 4.3818,
24.8325

■ 44.4546, 2.6102,
24.0041

■ 45.9670, 1.0810,
22.6116

■ 47.5500, -0.2002,
20.6556

■ 49.2016, -1.2338,
18.1485

■ 50.9192, -2.0237,
15.1102

■ 52.7000, -2.5771,
11.5652

■ 54.5414, -2.9029,
7.5406

Harmonies

Analogous

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



40.3433, 31.6658, 21.7916



40.3423, 8.5498, 25.0084



40.3433, -13.2549, 24.9080

Triad

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



40.3433, 8.5476, 25.0088



40.3433, -35.3511, -10.6702



40.3433, 33.1776, -36.9904

Complementary

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



40.3423, 8.5498, 25.0084



21.6048, 19.4780, -69.0504

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.



40.3433, 10.2926, -58.9755



40.3423, 8.5498, 25.0084



40.3433, -27.5520, -39.0308

Square

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



40.3433, 8.5476, 25.0088



40.3433, -35.6211, 10.7355



40.3433, -11.8461, -59.8757



40.3433, 47.8195, -8.7479

Rectangle

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



40.3423, 8.5498, 25.0084



40.3433, -24.2253, 23.0850



40.3433, -11.8461, -59.8757



40.3433, 25.9974, -45.8931

Sweetspot

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



40.3433, 8.5476, 25.0088



68.0029, -2.6541, 20.4832



26.4791, 46.2477, 10.1121



31.5350, -1.0704, 10.3919



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.



40.3433, 8.5476, 25.0088



53.6611, 12.0732, 33.2771



52.2808, -22.4610, 31.8218



26.2217, -1.3996, 3.4578



36.7620, 7.6066, 22.7857



5.1788, -0.2883, 3.1861

Inverse Universe

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



21.6048, 19.4780, -69.0504



28.3726, 27.4966, -94.8205



15.8530, 41.6537, -102.2134



25.1913, -1.2560, -0.8072



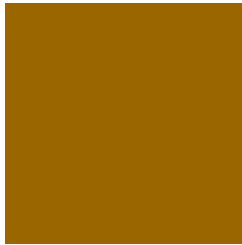
19.7831, 17.3378, -62.1544



3.4738, -0.0583, -4.2160

Previews

White Background



This preview shows how the HunterLab color 40.3423, 8.5498, 25.0084 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 40.3423, 8.5498, 25.0084 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 40.3423, 8.5498, 25.0084 Background



This preview shows how black text looks on a background with the HunterLab color 40.3423, 8.5498, 25.0084.



This preview shows how white text looks on a background with the HunterLab color 40.3423, 8.5498,

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

40.3423, 8.5498, 25.0084

Protanopia

40.4280, -5.7902, 24.3890

Deuteranopia

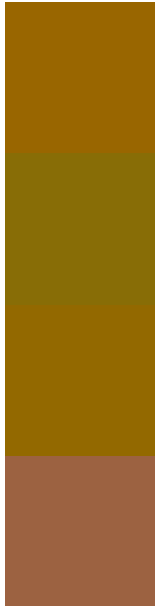
40.4414, 2.4322, 24.9624



Tritanopia

40.3879, 19.4602, 6.7740

Trichromacy



Original Color

40.3423, 8.5498, 25.0084

Protanomaly

40.2302, -0.9427, 24.5192

Deuteranomaly

40.3809, 4.8524, 24.9675

Tritanomaly

40.2305, 14.0408, 17.6654

Monochromacy



Original Color

40.3423, 8.5498, 25.0084

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

38.3658, -0.9196, 15.4184

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3423, 8.5498, 25.0084 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, 102, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 102, 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, 102, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 102, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3423, 8.5498, 25.0084 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, 102, 0) }
```


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

```
.border{ border-color:rgb(153, 102, 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, 102, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 102, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 102, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 102,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.3423, 8.5498, 25.0084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 102, 0) }
```

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

```
.background{ background-color: rgb(153,  
102, 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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