

Converting Colors

HunterLab(40.0550, 15.8813,
24.3758)

Have a look what the booklet for
HunterLab(40.0550, 15.8813,
24.3758) contains.

HunterLab(40.0000, 15.9884, 24.3633)	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(40.0000, 15.9884,
24.3633)**

Conversions

Conversions Part 1

Format	Color
Hex	A35F0D
RGB	163, 95, 13
RGB Percent	64%, 37%, 5%
CMY	0.3608, 0.6274, 0.9490
CMYK	0.00, 0.42, 0.92, 0.36
HSL	33°, 85%, 35%
HSV	33°, 92%, 64%
XYZ	19.2691, 16.0000, 2.4535
YIQ	105.9840, 66.8500, -11.0860

Conversions

Conversions Part 2

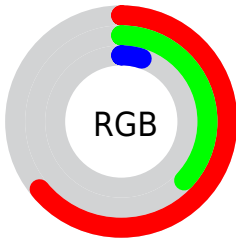
Format	Color
R_{YB}	137, 163, 13
Decimal	10706701
CIE Lab	46.98, 22.28, 52.09
CIE LCh	47, 56.652, 66.839
Yxy	16.0008, 0.5108, 0.4242
Android (android.graphics.Color)	4288896781 (0xFFA35F0D)
YUV	105.9840, -45.8411, 50.0030
Hunter-Lab	40.0000, 15.9884, 24.3633

Details

The HunterLab color **40.0000, 15.9884, 24.3633** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **29.3507, 7.7448, -51.7735**, and the grayscale version is **38.1098, -2.0334, 2.0706**.

A 20% lighter version of the original color is **60.5401, 17.0748, 32.4029**, and **22.6211, 14.7229, 14.1968** is the 20% darker color. If you saturate the color by 10%, you get **38.6646, 18.6017, 24.1506**, and if you desaturate by 10%, it is **41.7816, 12.8385, 24.2927**.

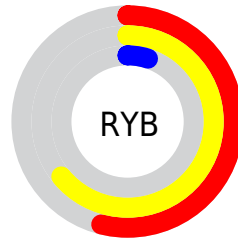
Distribution



Red (64%)

Green (37%)

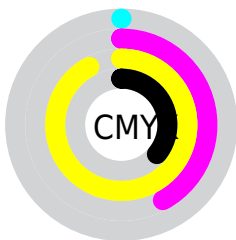
Blue (5%)



Red (54%)

Yellow (64%)

Blue (5%)

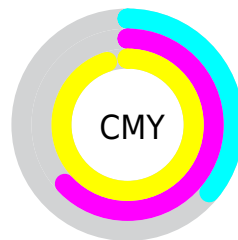


Cyan (0%)

Magenta (42%)

Yellow (92%)

Black (36%)



Cyan (36%)

Magenta (63%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0000, 15.9884, 24.3633 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 40.0000, 15.9884, 24.3633 by changing the saturation by 10% instead.

40.0000, 15.9884,
24.3633

40.0000, 15.9884,
24.3633

151.4420, 18.8496,
55.4792

30.8622, 15.2247,
20.0368

60.4977, 17.1729,
32.3050

22.5500, 14.3292,
15.7850

71.7574, 17.6246,
35.9785

15.1566, 13.2793,
10.6096

83.6401, 17.9949,
39.4965

8.7877, 12.1979,
6.1514

96.1147, 18.2914,
42.8839

0.0000, INF, NaN

0.0000, NaN, NaN

109.1544, 18.5202,
46.1609

0.0000, NaN, NaN


122.7357, 18.6867,


0.0000, NaN, NaN


49.3438


0.0000, NaN, NaN

 136.8377, 18.7952,
52.4463

 40.0000, 15.9884,
24.3633

 40.0000, 15.9884,
24.3633


 38.6646, 18.6017,
24.1506

 41.7816, 12.8385,
24.2927

 43.6872, 9.9311,
23.6410

 45.7120, 7.2873,
22.4018

 47.8495, 4.9166,
20.5920

 50.0925, 2.8190,
18.2412

■ 52.4341, 0.9876,
15.3854

■ 54.8674, -0.5886,
12.0631

■ 57.3861, -1.9233,
8.3124

■ 59.9842, -3.0313,
4.1700

Harmonies

Analogous

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



40.0011, 37.8673, 19.6215



40.0000, 15.9884, 24.3633



40.0011, -7.0715, 25.1100

Triad

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



40.0011, 15.9859, 24.3637



40.0011, -36.1872, -2.9410



40.0011, 26.6609, -45.5620

Complementary

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



40.0000, 15.9884, 24.3633



29.3507, 7.7448, -51.7735

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.



40.0011, 3.0499, -62.3379



40.0000, 15.9884, 24.3633



40.0011, -30.7797, -30.4298

Square

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



40.0011, 15.9859, 24.3637



40.0011, -34.1865, 15.0364



40.0011, -17.5150, -55.6642



40.0011, 44.9062, -17.2070

Rectangle

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



40.0000, 15.9884, 24.3633



40.0011, -19.5698, 24.0588



40.0011, -17.5150, -55.6642



40.0011, 18.9121, -53.2869

Sweetspot

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



40.0011, 15.9859, 24.3637



71.2974, 0.5449, 19.1010



29.4941, 50.1178, 2.5996



33.1598, 0.6945, 9.8805



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



40.0011, 15.9859, 24.3637



51.3501, 25.7614, 32.0927



57.8725, -17.1656, 34.9700



27.7445, -1.0747, 3.4430



34.2203, 16.1050, 21.3683



5.8223, 0.6202, 3.5985

Inverse Universe

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



29.3507, 7.7448, -51.7735



36.1819, 15.7016, -79.1193



17.4955, 40.8453, -105.9287



27.1368, -1.7572, -0.5762



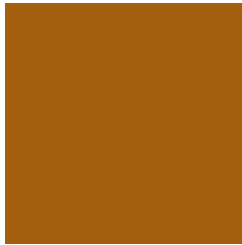
24.3693, 9.2105, -50.3422



4.6780, -0.7159, -4.3017

Previews

White Background



This preview shows how the HunterLab color 40.0000, 15.9884, 24.3633 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 40.0000, 15.9884, 24.3633 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 40.0000, 15.9884, 24.3633 Background



This preview shows how black text looks on a background with the HunterLab color 40.0000, 15.9884, 24.3633.



This preview shows how white text looks on a background with the HunterLab color 40.0000, 15.9884,

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

40.0000, 15.9884, 24.3633

Protanopia

40.0845, -5.5443, 23.7563

Deuteranopia

40.0735, 2.5184, 24.7372



Tritanopia

39.8907, 25.4188, 8.9339

Trichromacy



Original Color

40.0000, 15.9884, 24.3633

Protanomaly

39.7925, 1.6645, 23.8187

Deuteranomaly

39.9972, 7.4636, 24.5639

Tritanomaly

39.8286, 20.8854, 17.4631

Monochromacy



Original Color

40.0000, 15.9884, 24.3633

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

38.0561, 2.2270, 13.9373

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0000, 15.9884, 24.3633 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(163, 95, 13)` looks like.

```
.text, #text, p{  
    color:rgb(163, 95, 13)  
}
```

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(163, 95, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 95, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0000, 15.9884, 24.3633 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(163, 95, 13) }
```


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

```
.border{ border-color:rgb(163, 95, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 95, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 95, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 95, 13);  
box-shadow:4px 4px 4px 4px rgb(163, 95,  
13) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.0000, 15.9884, 24.3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 95, 13) }
```

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

```
.background{ background-color: rgb(163, 95,  
13) }
```

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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