

Converting Colors

HunterLab(40.3237, 32.0758,
25.4088)

Have a look what the booklet for
HunterLab(40.3237, 32.0758,
25.4088) contains.

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Color

**HunterLab(40.2199, 32.2167,
25.3473)**

Conversions

Conversions Part 1

Format	Color
Hex	BA5000
RGB	186, 80, 0
RGB Percent	73%, 31%, 0%
CMY	0.2706, 0.6862, 1.0000
CMYK	0.00, 0.57, 1.00, 0.27
HSL	26°, 100%, 36%
HSV	26°, 100%, 73%
XYZ	23.1183, 16.1764, 1.9039
YIQ	102.5740, 88.8560, -2.4080

Conversions

Conversions Part 2

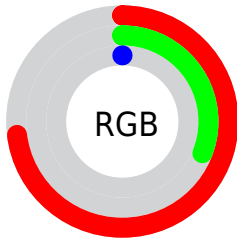
Format	Color
RYB	186, 140, 0
Decimal	12210176
CIELab	47.21, 39.67, 57.06
CIElCh	47, 69.499, 55.192
Yxy	16.1773, 0.5611, 0.3927
Android (android.graphics.Color)	4290400256 (0xFFBA5000)
YUV	102.5740, -50.5690, 73.1646
Hunter-Lab	40.2199, 32.2167, 25.3473

Details

The HunterLab color **40.2199, 32.2167, 25.3473** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **37.2190, 2.0893, -51.0304**, and the grayscale version is **36.8300, -1.9652, 2.0010**.

A 20% lighter version of the original color is **60.7931, 34.8650, 34.0354**, and **22.8882, 29.3298, 14.6171** is the 20% darker color. If you saturate the color by 10%, you get **40.2206, 32.2144, 25.3477**, and if you desaturate by 10%, it is **42.3080, 27.5187, 25.7130**.

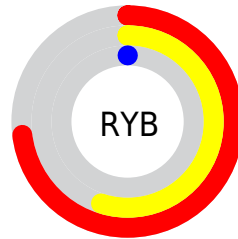
Distribution



Red (73%)

Green (31%)

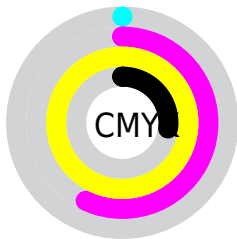
Blue (0%)



Red (73%)

Yellow (55%)

Blue (0%)

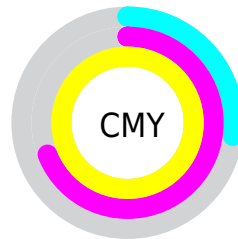


Cyan (0%)

Magenta (57%)

Yellow (100%)

Black (27%)



Cyan (27%)

Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2199, 32.2167, 25.3473 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 40.2199, 32.2167, 25.3473 by changing the saturation by 10% instead.

40.2199, 32.2167,
25.3473

40.2199, 32.2167,
25.3473

151.7846, 41.1480,
59.0349

31.0640, 30.6953,
20.7993

60.7501, 34.8809,
33.9589

22.7318, 29.0555,
15.9122

72.0246, 36.0451,
37.9456

15.3159, 27.3311,
10.7211

83.9213, 37.1079,
41.7613

8.9318, 25.7984,
6.2523

96.4093, 38.0771,
45.4316

0.0000, INF, NaN

0.0000, NaN, NaN

109.4617, 38.9598,
48.9780


0.0000, NaN, NaN


123.0552, 39.7623,


0.0000, NaN, NaN


52.4180


0.0000, NaN, NaN


 137.1690, 40.4901,
55.7662


 40.2199, 32.2167,
25.3473

 40.2199, 32.2167,
25.3473

 40.2206, 32.2144,
25.3477

 42.3080, 27.5187,
25.7130

 44.6332, 22.9147,
25.5565

 47.1890, 18.5345,
24.7328

 49.9575, 14.4363,
23.2626

 52.9203, 10.6489,
21.1923

■ 56.0595, 7.1800,
18.5788

■ 59.3587, 4.0235,
15.4806

■ 62.8027, 1.1647,
11.9532

■ 66.3782, -1.4157,
8.0470

Harmonies

Analogous

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



40.2210, 56.8544, 18.1140



40.2199, 32.2167, 25.3473



40.2210, 2.3233, 26.9040

Triad

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



40.2210, 32.2134, 25.3478



40.2210, -42.0794, 6.1347



40.2210, 22.5811, -73.6948

Complementary

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



40.2199, 32.2167, 25.3473



37.2190, 2.0893, -51.0304

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.



40.2210, -6.4326, -85.4361



40.2199, 32.2167, 25.3473



40.2210, -39.3347, -25.2152

Square

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



40.2210, 32.2134, 25.3478



40.2210, -36.6724, 21.4762



40.2210, -27.8282, -63.6852



40.2210, 50.3375, -37.7442

Rectangle

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



40.2199, 32.2167, 25.3473



40.2210, -14.9387, 26.6782



40.2210, -27.8282, -63.6852



40.2210, 12.4718, -81.3111

Sweetspot

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



40.2210, 32.2134, 25.3478



79.6894, 5.6192, 21.0642



33.9596, 61.3757, -3.0144



36.5030, 3.4626, 10.7436



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



40.2210, 32.2134, 25.3478



53.7237, 44.4485, 33.8824



62.7504, -11.0540, 38.4729



31.0330, -0.7355, 3.6209



33.2060, 25.8823, 20.9145



7.1562, 2.7551, 4.4578

Inverse Universe

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



37.2190, 2.0893, -51.0304



49.6158, 3.6902, -69.9815



19.7515, 47.1403, -126.4492



30.8967, -2.4522, -0.3467



30.7743, 1.2795, -41.2271



6.7395, -1.3253, -5.5628

Previews

White Background



This preview shows how the HunterLab color 40.2199, 32.2167, 25.3473 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 40.2199, 32.2167, 25.3473 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 40.2199, 32.2167, 25.3473 Background



This preview shows how black text looks on a background with the HunterLab color 40.2199, 32.2167, 25.3473.



This preview shows how white text looks on a background with the HunterLab color 40.2199, 32.2167,

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

40.2199, 32.2167, 25.3473

Protanopia

40.4549, -5.6405, 23.9906

Deuteranopia

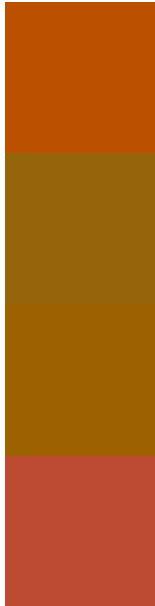
40.3313, 2.0615, 24.8881



Tritanopia

40.1913, 38.9160, 14.5348

Trichromacy



Original Color

40.2199, 32.2167, 25.3473

Protanomaly

39.5315, 7.2509, 24.0112

Deuteranomaly

39.7725, 12.8668, 24.7329

Tritanomaly

39.9549, 35.7525, 20.7681

Monochromacy



Original Color

40.2199, 32.2167, 25.3473

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

36.8298, 7.0281, 14.5198

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2199, 32.2167, 25.3473 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(186, 80, 0)` looks like.

```
.text, #text, p{  
    color:rgb(186, 80, 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(186, 80, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 80, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2199, 32.2167, 25.3473 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(186, 80, 0) }
```


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

```
.border{ border-color:rgb(186, 80, 0) }
```

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

Here you see how a box with a 4 pixel rgb(186, 80, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 80, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 80, 0);  
box-shadow:4px 4px 4px 4px rgb(186, 80, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 40.2199, 32.2167, 25.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 80, 0) }
```

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

```
.background{ background-color: rgb(186, 80,  
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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