

Converting Colors

HunterLab(40.2930, 25.8934,
25.4491)

Have a look what the booklet for
HunterLab(40.2930, 25.8934,
25.4491) contains.

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Color

**HunterLab(40.3502, 25.6852,
25.3133)**

Conversions

Conversions Part 1

Format	Color
Hex	B25700
RGB	178, 87, 0
RGB Percent	70%, 34%, 0%
CMY	0.3020, 0.6588, 1.0000
CMYK	0.00, 0.51, 1.00, 0.30
HSL	29°, 100%, 35%
HSV	29°, 100%, 70%
XYZ	21.7683, 16.2814, 1.9953
YIQ	104.2910, 82.1630, -7.7650

Conversions

Conversions Part 2

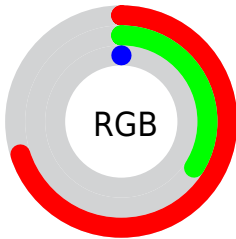
Format	Color
R_{YB}	178, 170, 0
Decimal	11687680
CIE Lab	47.34, 32.89, 56.48
CIE LCh	47, 65.357, 59.789
Yxy	16.2823, 0.5436, 0.4066
Android (android.graphics.Color)	4289877760 (0xFFB25700)
YUV	104.2910, -51.4155, 64.6428
Hunter-Lab	40.3502, 25.6852, 25.3133

Details

The HunterLab color **40.3502, 25.6852, 25.3133** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **32.7048, 7.0430, -56.0815**, and the grayscale version is **37.4841, -2.0001, 2.0366**.

A 20% lighter version of the original color is **60.8510, 27.9753, 33.8206**, and **22.8862, 23.6265, 14.5160** is the 20% darker color. If you saturate the color by 10%, you get **40.3509, 25.6830, 25.3137**, and if you desaturate by 10%, it is **42.3001, 21.5970, 25.6528**.

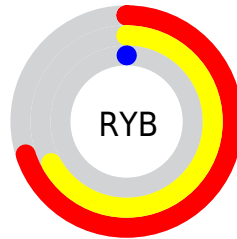
Distribution



Red (70%)

Green (34%)

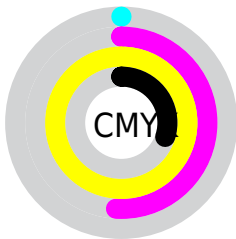
Blue (0%)



Red (70%)

Yellow (67%)

Blue (0%)

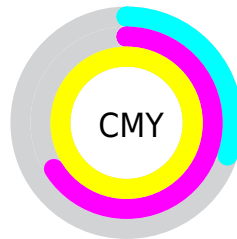


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (30%)



Cyan (30%)

Magenta (66%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3502, 25.6852, 25.3133 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 40.3502, 25.6852, 25.3133 by changing the saturation by 10% instead.

40.3502, 25.6852,
25.3133

40.3502, 25.6852,
25.3133

151.9874, 32.3191,
58.6791

31.1835, 24.4378,
20.7779

60.8996, 27.8002,
33.8397

22.8395, 23.0569,
15.9877

72.1827, 28.6963,
37.7868

15.4104, 21.5452,
10.7873

84.0877, 29.4968,
41.5652

9.0160, 20.0409,
6.3112

96.5836, 30.2102,
45.2002

0.0000, INF, NaN

0.0000, NaN, NaN

109.6435, 30.8434,
48.7131


0.0000, NaN, NaN


123.2443, 31.4026,


0.0000, NaN, NaN


52.1213

0.0000, NaN, NaN


 137.3651, 31.8930,
55.4394

 40.3502, 25.6852,
25.3133


 40.3502, 25.6852,
25.3133

 40.3509, 25.6830,
25.3137

 42.3001, 21.5970,
25.6528

 44.4239, 17.6675,
25.4977

 46.7217, 13.9926,
24.6984

 49.1822, 10.6067,
23.2638

 51.7935, 7.5245,
21.2267

■ 54.5440, 4.7467,
18.6315

■ 57.4222, 2.2649,
15.5268

■ 60.4178, 0.0649,
11.9608

■ 63.5212, -1.8707,
7.9794

Harmonies

Analogous

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



40.3513, 49.9893, 19.2078



40.3502, 25.6852, 25.3133



40.3513, -1.9743, 26.5592

Triad

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



40.3513, 25.6822, 25.3137



40.3513, -40.4888, 2.3680



40.3513, 25.2897, -63.1207

Complementary

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



40.3502, 25.6852, 25.3133



32.7048, 7.0430, -56.0815

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.



40.3513, -2.3358, -78.1417



40.3502, 25.6852, 25.3133



40.3513, -36.5719, -28.6312

Square

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



40.3513, 25.6822, 25.3137



40.3513, -36.4584, 19.3540



40.3513, -24.0332, -62.7244



40.3513, 49.7259, -29.1338

Rectangle

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



40.3502, 25.6852, 25.3133



40.3513, -17.4876, 26.0736



40.3513, -24.0332, -62.7244



40.3513, 15.8752, -71.2405

Sweetspot

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



40.3513, 25.6822, 25.3137



77.1213, 3.2146, 21.1429



31.9955, 57.2059, 1.9678



35.5318, 2.1507, 10.8031



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



40.3513, 25.6822, 25.3137



53.9158, 35.5845, 33.8456



63.3543, -15.9309, 38.7596



30.2789, -0.9465, 3.6565



34.3152, 21.2959, 21.5177



6.9816, 1.8573, 4.3345

Inverse Universe

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



32.7048, 7.0430, -56.0815



43.5132, 10.5113, -77.0785



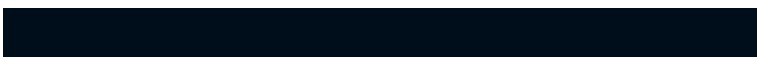
18.1075, 47.8454, -125.9166



29.8738, -2.1530, -0.4966



27.8914, 5.5210, -46.7802



6.0094, -0.8541, -5.6675

Previews

White Background



This preview shows how the HunterLab color 40.3502, 25.6852, 25.3133 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 40.3502, 25.6852, 25.3133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

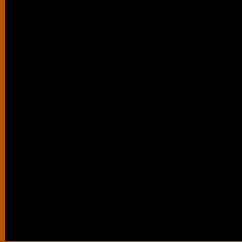
Any Text WCAG AA × Fail

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 40.3502, 25.6852, 25.3133 Background



This preview shows how black text looks on a background with the HunterLab color 40.3502, 25.6852, 25.3133.



This preview shows how white text looks on a background with the HunterLab color 40.3502, 25.6852, 25.3133.

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

40.3502, 25.6852, 25.3133

Protanopia

40.4471, -5.6836, 24.1052

Deuteranopia

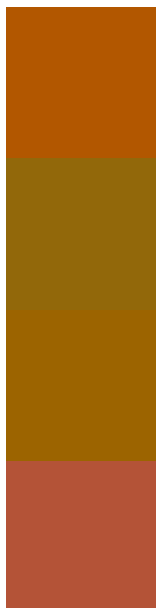
40.4414, 2.4322, 24.9624



Tritanopia

40.4728, 33.6021, 12.6300

Trichromacy



Original Color

40.3502, 25.6852, 25.3133

Protanomaly

40.0419, 5.0820, 24.3374

Deuteranomaly

40.2272, 10.6607, 24.9744

Tritanomaly

40.2065, 29.9963, 19.9702

Monochromacy



Original Color

40.3502, 25.6852, 25.3133

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

37.3551, 4.9253, 14.9234

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3502, 25.6852, 25.3133 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(178, 87, 0)` looks like.

```
.text, #text, p{  
    color:rgb(178, 87, 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(178, 87, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 87, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3502, 25.6852, 25.3133 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(178, 87, 0) }
```


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

```
.border{ border-color:rgb(178, 87, 0) }
```

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

Here you see how a box with a 4 pixel rgb(178, 87, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 87, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 87, 0);  
box-shadow:4px 4px 4px 4px rgb(178, 87, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 40.3502, 25.6852, 25.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 87, 0) }
```

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

```
.background{ background-color: rgb(178, 87,  
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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