

Converting Colors

HunterLab(40.0883, 27.1107,
28.0618)

Have a look what the booklet for
HunterLab(40.0883, 27.1107,
28.0618) contains.

HunterLab(40.3990, 27.8530, 25.3813)	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(40.3990, 27.8530,
25.3813)**

Conversions

Conversions Part 1

Format	Color
Hex	B55500
RGB	181, 85, 0
RGB Percent	71%, 33%, 0%
CMY	0.2902, 0.6666, 1.0000
CMYK	0.00, 0.53, 1.00, 0.29
HSL	28°, 100%, 35%
HSV	28°, 100%, 71%
XYZ	22.3046, 16.3208, 1.9746
YIQ	104.0140, 84.5010, -6.0830

Conversions

Conversions Part 2

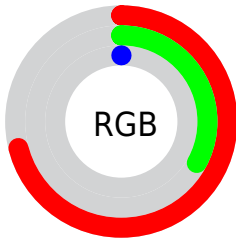
Format	Color
RYB	181, 160, 0
Decimal	11883776
CIELab	47.39, 35.16, 56.75
CIELCh	47, 66.759, 58.221
Yxy	16.3217, 0.5494, 0.4020
Android (android.graphics.Color)	4290073856 (0xFFB55500)
YUV	104.0140, -51.2789, 67.5167
Hunter-Lab	40.3990, 27.8530, 25.3813

Details

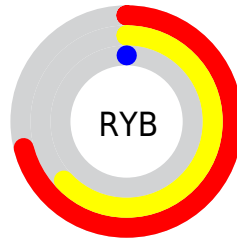
The HunterLab color **40.3990, 27.8530, 25.3813** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **34.2073, 5.4849, -54.5962**, and the grayscale version is **37.3782, -1.9944, 2.0308**.

A 20% lighter version of the original color is **60.8188, 30.2826, 33.8389**, and **23.0796, 25.4744, 14.6675** is the 20% darker color. If you saturate the color by 10%, you get **40.3997, 27.8508, 25.3817**, and if you desaturate by 10%, it is **42.4044, 23.5480, 25.7352**.

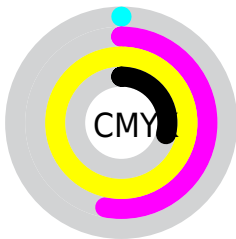
Distribution



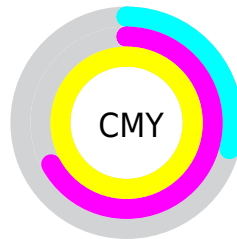
- Red (71%)
- Green (33%)
- Blue (0%)



- Red (71%)
- Yellow (63%)
- Blue (0%)



- Cyan (0%)
- Magenta (53%)
- Yellow (100%)
- Black (29%)



- Cyan (29%)
- Magenta (67%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3990, 27.8530, 25.3813 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 40.3990, 27.8530, 25.3813 by changing the saturation by 10% instead.

40.3990, 27.8530,
25.3813

40.3990, 27.8530,
25.3813

152.0633, 35.2610,
58.8816

31.2283, 26.5115,
20.8350

60.9556, 30.1545,
33.9419

22.8799, 25.0400,
16.0159

72.2420, 31.1410,
37.9054

15.4458, 23.4498,
10.8121

84.1501, 32.0299,
41.6992

9.0473, 21.8985,
6.3331

96.6488, 32.8293,
45.3491

0.0000, INF, NaN

0.0000, NaN, NaN

109.7117, 33.5463,
48.8763

0.0000, NaN, NaN

123.3151, 34.1871,

0.0000, NaN, NaN

52.2982

0.0000, NaN, NaN

137.4385, 34.7571,
55.6292

40.3990, 27.8530,
25.3813

40.3990, 27.8530,
25.3813

40.3997, 27.8508,
25.3817

42.4044, 23.5480,
25.7352

44.6031, 19.3865,
25.5832

46.9931, 15.4738,
24.7772

49.5614, 11.8507,
23.3298

52.2940, 8.5354,
21.2780

■ 55.1773, 5.5306,
18.6704

■ 58.1985, 2.8280,
15.5590

■ 61.3458, 0.4132,
11.9946

■ 64.6085, -1.7321,
8.0247

Harmonies

Analogous

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



40.4001, 52.3216, 18.8991



40.3990, 27.8530, 25.3813



40.4001, -0.5865, 26.7389

Triad

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



40.4001, 27.8499, 25.3818



40.4001, -41.1077, 3.6546



40.4001, 24.4489, -66.6383

Complementary

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



40.3990, 27.8530, 25.3813



34.2073, 5.4849, -54.5962

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.



40.4001, -3.7055, -80.6641



40.3990, 27.8530, 25.3813



40.4001, -37.5785, -27.5554

Square

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



40.4001, 27.8499, 25.3818



40.4001, -36.6089, 20.1396



40.4001, -25.3571, -63.1715



40.4001, 50.0328, -31.9331

Rectangle

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



40.3990, 27.8530, 25.3813



40.4001, -16.6971, 26.3501



40.4001, -25.3571, -63.1715



40.4001, 14.7816, -74.6235

Sweetspot

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



40.4001, 27.8499, 25.3818



77.6782, 3.9573, 21.0469



32.6775, 58.5752, 0.8474



35.3254, 2.5183, 10.6173



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.



40.4001, 27.8499, 25.3818



53.6510, 38.2752, 33.7295



63.6165, -14.8645, 38.9398



30.2347, -0.8720, 3.6087



33.7465, 22.6382, 21.1907



6.8952, 2.0296, 4.2843

Inverse Universe

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



34.2073, 5.4849, -54.5962



45.2732, 8.2944, -74.4927



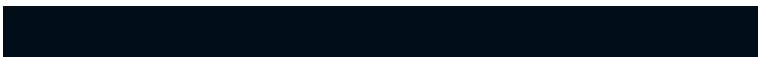
18.6206, 47.9955, -126.8819



29.9188, -2.2269, -0.4418



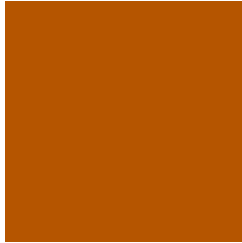
28.6468, 4.0971, -44.6504



6.1139, -1.0172, -5.4461

Previews

White Background



This preview shows how the HunterLab color 40.3990, 27.8530, 25.3813 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 40.3990, 27.8530, 25.3813 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 40.3990, 27.8530, 25.3813 Background



This preview shows how black text looks on a background with the HunterLab color 40.3990, 27.8530, 25.3813.



This preview shows how white text looks on a background with the HunterLab color 40.3990, 27.8530,

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

40.3990, 27.8530, 25.3813

Protanopia

40.5424, -5.3442, 24.1716

Deuteranopia

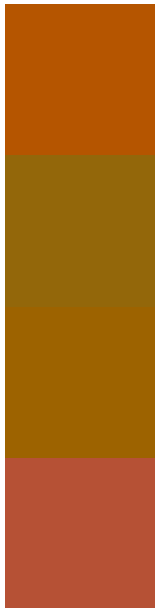
40.4414, 2.4322, 24.9624



Tritanopia

40.3724, 35.1271, 13.1746

Trichromacy



Original Color

40.3990, 27.8530, 25.3813

Protanomaly

39.9067, 5.9242, 24.2674

Deuteranomaly

40.1146, 11.5258, 24.9202

Tritanomaly

40.1086, 31.6197, 20.2893

Monochromacy



Original Color

40.3990, 27.8530, 25.3813

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

37.2133, 5.7419, 14.8191

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3990, 27.8530, 25.3813 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(181, 85, 0)` looks like.

```
.text, #text, p{  
    color:rgb(181, 85, 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(181, 85, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 85, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3990, 27.8530, 25.3813 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(181, 85, 0) }
```


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

```
.border{ border-color:rgb(181, 85, 0) }
```

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

Here you see how a box with a 4 pixel rgb(181, 85, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 85, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 85, 0);  
box-shadow:4px 4px 4px 4px rgb(181, 85, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 40.3990, 27.8530, 25.3813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 85, 0) }
```

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

```
.background{ background-color: rgb(181, 85,  
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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