

Converting Colors

HunterLab(40.1499, 27.5650,
28.1049)

Have a look what the booklet for
HunterLab(40.1499, 27.5650,
28.1049) contains.

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Color

**HunterLab(40.3556, 28.7300,
25.3699)**

Conversions

Conversions Part 1

Format	Color
Hex	B65400
RGB	182, 84, 0
RGB Percent	71%, 33%, 0%
CMY	0.2863, 0.6706, 1.0000
CMYK	0.00, 0.54, 1.00, 0.29
HSL	28°, 100%, 36%
HSV	28°, 100%, 71%
XYZ	22.4617, 16.2857, 1.9596
YIQ	103.7260, 85.3720, -5.3480

Conversions

Conversions Part 2

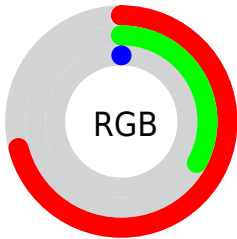
Format	Color
R_{YB}	182, 156, 0
Decimal	11949056
CIE Lab	47.35, 36.08, 56.81
CIE LCh	47, 67.294, 57.581
Yxy	16.2867, 0.5518, 0.4001
Android (android.graphics.Color)	4290139136 (0xFFB65400)
YUV	103.7260, -51.1369, 68.6463
Hunter-Lab	40.3556, 28.7300, 25.3699

Details

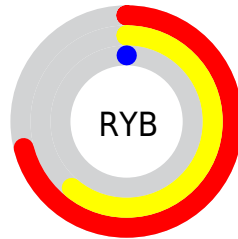
The HunterLab color **40.3556, 28.7300, 25.3699** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **34.8026, 4.8015, -53.8650**, and the grayscale version is **37.2685, -1.9886, 2.0249**.

A 20% lighter version of the original color is **60.9653, 30.7110, 33.9467**, and **22.8232, 26.2028, 14.5223** is the 20% darker color. If you saturate the color by 10%, you get **40.3563, 28.7278, 25.3703**, and if you desaturate by 10%, it is **42.3796, 24.3427, 25.7273**.

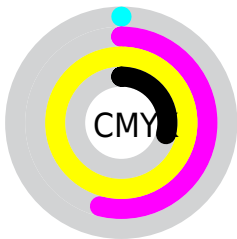
Distribution



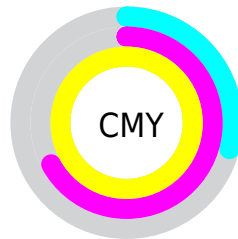
- Red (71%)
- Green (33%)
- Blue (0%)



- Red (71%)
- Yellow (61%)
- Blue (0%)



- Cyan (0%)
- Magenta (54%)
- Yellow (100%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3556, 28.7300, 25.3699 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 40.3556, 28.7300, 25.3699 by changing the saturation by 10% instead.

40.3556, 28.7300,
25.3699

40.3556, 28.7300,
25.3699

151.9958, 36.4525,
58.9051

31.1885, 27.3506,
20.8236

60.9058, 31.1070,
33.9402

22.8440, 25.8431,
15.9908

72.1893, 32.1303,
37.9080

15.4143, 24.2227,
10.7900

84.0946, 33.0551,
41.7059

9.0195, 22.6700,
6.3136

96.5908, 33.8895,
45.3596

0.0000, INF, NaN

0.0000, NaN, NaN

109.6511, 34.6406,
48.8903


0.0000, NaN, NaN

123.2521, 35.3147,


0.0000, NaN, NaN

52.3155


0.0000, NaN, NaN


 137.3732, 35.9171,
55.6497


 40.3556, 28.7300,
25.3699


 40.3556, 28.7300,
25.3699


 40.3563, 28.7278,
25.3703

 42.3796, 24.3427,
25.7273

 44.6052, 20.0908,
25.5755

 47.0296, 16.0837,
24.7668

 49.6388, 12.3655,
23.3155

 52.4181, 8.9561,
21.2605

■ 55.3530, 5.8588,
18.6521

■ 58.4299, 3.0659,
15.5435

■ 61.6366, 0.5628,
11.9865

■ 64.9617, -1.6691,
8.0292

Harmonies

Analogous

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



40.3567, 53.2291, 18.7375



40.3556, 28.7300, 25.3699



40.3567, 0.0030, 26.7696

Triad

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



40.3567, 28.7268, 25.3704



40.3567, -41.3014, 4.1765



40.3567, 24.0595, -68.0390

Complementary

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



40.3556, 28.7300, 25.3699



34.8026, 4.8015, -53.8650

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.



40.3567, -4.2696, -81.6107



40.3556, 28.7300, 25.3699



40.3567, -37.9373, -27.0653

Square

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



40.3567, 28.7268, 25.3704



40.3567, -36.6149, 20.4247



40.3567, -25.8665, -63.2625



40.3567, 50.0846, -33.0858

Rectangle

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



40.3556, 28.7300, 25.3699



40.3567, -16.3365, 26.4190



40.3567, -25.8665, -63.2625



40.3567, 14.3022, -75.9515

Sweetspot

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



40.3567, 28.7268, 25.3704



78.4591, 4.3103, 21.1575



32.9654, 59.2505, -0.3804



36.0459, 2.7498, 10.8006



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



40.3567, 28.7268, 25.3704



53.9129, 39.7206, 33.9162



63.0822, -13.5760, 38.6332



31.1078, -0.8620, 3.7021



34.1050, 23.6786, 21.4299



7.3080, 2.4401, 4.5459

Inverse Universe

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



34.8026, 4.8015, -53.8650



46.3475, 7.4221, -73.9525



18.9077, 47.5557, -126.2913



30.8202, -2.3271, -0.4396



29.4747, 3.6137, -44.6418



6.5471, -1.0295, -5.9610

Previews

White Background



This preview shows how the HunterLab color 40.3556, 28.7300, 25.3699 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 40.3556, 28.7300, 25.3699 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 40.3556, 28.7300, 25.3699 Background



This preview shows how black text looks on a background with the HunterLab color 40.3556, 28.7300, 25.3699.



This preview shows how white text looks on a background with the HunterLab color 40.3556, 28.7300,

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

40.3556, 28.7300, 25.3699

Protanopia

40.4509, -5.6625, 24.0492

Deuteranopia

40.4414, 2.4322, 24.9624



Tritanopia

40.3282, 35.8880, 13.4469

Trichromacy



Original Color

40.3556, 28.7300, 25.3699

Protanomaly

39.6610, 6.4039, 24.0777

Deuteranomaly

40.1146, 11.5258, 24.9202

Tritanomaly

40.0770, 32.4825, 20.2810

Monochromacy



Original Color

40.3556, 28.7300, 25.3699

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 40.3556, 28.7300, 25.3699 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(182, 84, 0)` looks like.

```
.text, #text, p{  
    color:rgb(182, 84, 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(182, 84, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 84, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3556, 28.7300, 25.3699 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(182, 84, 0) }
```


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

```
.border{ border-color:rgb(182, 84, 0) }
```

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

Here you see how a box with a 4 pixel rgb(182, 84, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 84, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 84, 0);  
box-shadow:4px 4px 4px 4px rgb(182, 84, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 40.3556, 28.7300, 25.3699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 84, 0) }
```

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

```
.background{ background-color: rgb(182, 84,  
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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