

Converting Colors

HunterLab(35.4731, 41.6340,
22.5872)

Have a look what the booklet for
HunterLab(35.4731, 41.6340,
22.5872) contains.

HunterLab(35.4731, 41.6340, 22.5872)	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(35.4731, 41.6340,
22.5872)**

Conversions

Conversions Part 1

Format	Color
Hex	B63600
RGB	182, 54, 0
RGB Percent	71%, 21%, 0%
CMY	0.2863, 0.7882, 1.0000
CMYK	0.00, 0.70, 1.00, 0.29
HSL	18°, 100%, 36%
HSV	18°, 100%, 71%
XYZ	20.6106, 12.5834, 1.3426
YIQ	86.1160, 93.6220, 10.3420

Conversions

Conversions Part 2

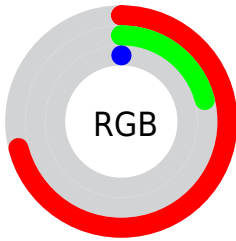
Format	Color
R_{YB}	182, 77, 0
Decimal	11941376
CIE Lab	42.13, 49.83, 54.02
CIE LCh	42, 73.492, 47.307
Yxy	12.5842, 0.5968, 0.3644
Android (android.graphics.Color)	4290131456 (0xFFB63600)
YUV	86.1160, -42.4552, 84.0903
Hunter-Lab	35.4731, 41.6340, 22.5872

Details

The HunterLab color **35.4731, 41.6340, 22.5872** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **43.3750, -9.3964, -33.9307**, and the grayscale version is **30.6760, -1.6368, 1.6667**.

A 20% lighter version of the original color is **55.3117, 45.3878, 31.0030**, and **19.9827, 34.2209, 12.9123** is the 20% darker color. If you saturate the color by 10%, you get **35.4739, 41.6311, 22.5877**, and if you desaturate by 10%, it is **37.3910, 36.7164, 22.7617**.

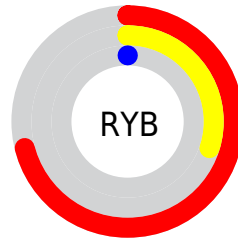
Distribution



Red (71%)

Green (21%)

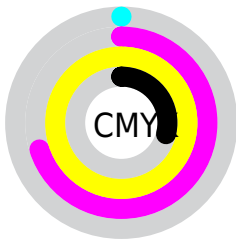
Blue (0%)



Red (71%)

Yellow (30%)

Blue (0%)

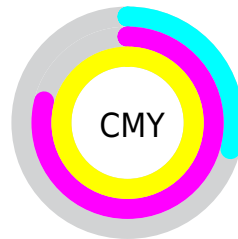


Cyan (0%)

Magenta (70%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (79%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.4731, 41.6340, 22.5872 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 35.4731, 41.6340, 22.5872 by changing the saturation by 10% instead.

35.4731, 41.6340,
22.5872

35.4731, 41.6340,
22.5872

144.3036, 54.2066,
55.3436

26.7261, 39.7251,
18.4943

55.2763, 45.1432,
31.0238

18.8457, 37.7863,
13.1920

66.2213, 46.7324,
34.9099

11.9417, 36.0156,
8.3592

77.8063, 48.2136,
38.6197

4.8558, 50.0912,
3.3991

89.9977, 49.5925,
42.1813

0.0000, INF, NaN

0.0000, NaN, NaN

102.7668, 50.8753,
45.6173


0.0000, NaN, NaN


116.0884, 52.0683,


0.0000, NaN, NaN


48.9467


0.0000, NaN, NaN


 129.9405, 53.1770,
52.1845


 35.4731, 41.6340,
22.5872


 35.4731, 41.6340,
22.5872


 35.4739, 41.6311,
22.5877

 37.3910, 36.7164,
22.7617

 39.6924, 31.5243,
22.4686

 42.3579, 26.3112,
21.5718

 45.3526, 21.2323,
20.1221

 48.6399, 16.3827,
18.1932

■ 52.1858, 11.8106,
15.8609

■ 55.9593, 7.5317,
13.1940

■ 59.9335, 3.5407,
10.2509

■ 64.0853, -0.1790,
7.0787

Harmonies

Analogous

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



35.4742, 64.1468, 13.8866



35.4731, 41.6340, 22.5872



35.4742, 10.5076, 24.7219

Triad

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



35.4742, 41.6304, 22.5877



35.4742, -40.1860, 11.3125



35.4742, 15.2752, -87.6962

Complementary

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



35.4731, 41.6340, 22.5872



43.3750, -9.3964, -33.9307

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.



35.4742, -12.7972, -90.7580



35.4731, 41.6340, 22.5872



35.4742, -39.6188, -16.5637

Square

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



35.4742, 41.6304, 22.5877



35.4742, -33.0311, 21.9211



35.4742, -31.1360, -58.6393



35.4742, 46.0249, -52.0287

Rectangle

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



35.4731, 41.6340, 22.5872



35.4742, -8.3824, 24.8319



35.4742, -31.1360, -58.6393



35.4742, 5.0956, -93.1935

Sweetspot

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



35.4742, 41.6304, 22.5877



75.0826, 10.4250, 17.9579



34.0124, 63.0195, -15.0196



34.2688, 6.0192, 9.1686



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.



35.4742, 41.6304, 22.5877



47.3893, 57.1465, 30.2015



54.2771, 0.5471, 33.4548



30.7165, -0.1975, 3.2757



29.9825, 34.4905, 19.0789



6.5443, 4.1112, 4.1045

Inverse Universe

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



43.3750, -9.3964, -33.9307



58.0337, -12.0965, -46.4243



22.0390, 35.8102, -104.8504



31.2224, -2.9823, 0.0464



36.6143, -8.1416, -28.1894



7.5815, -2.5419, -3.9889

Previews

White Background



This preview shows how the HunterLab color 35.4731, 41.6340, 22.5872 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 35.4731, 41.6340, 22.5872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

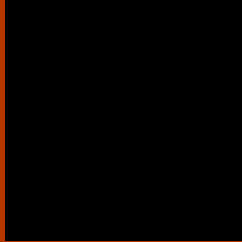
Any Text WCAG AA × Fail

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 35.4731, 41.6340, 22.5872 Background



This preview shows how black text looks on a background with the HunterLab color 35.4731, 41.6340, 22.5872.



This preview shows how white text looks on a background with the HunterLab color 35.4731, 41.6340,

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

35.4731, 41.6340, 22.5872

Protanopia

35.8728, -5.1066, 20.9214

Deuteranopia

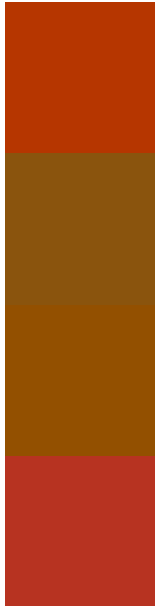
35.6321, 1.9893, 21.9911



Tritanopia

35.4914, 44.9599, 17.2295

Trichromacy



Original Color

35.4731, 41.6340, 22.5872

Protanomaly

34.3118, 11.3517, 20.6835

Deuteranomaly

34.5548, 16.5046, 21.5815

Tritanomaly

35.4186, 43.7853, 20.1827

Monochromacy



Original Color

35.4731, 41.6340, 22.5872

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

30.3946, 11.5477, 11.8806

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.4731, 41.6340, 22.5872 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, 54, 0)` looks like.

```
.text, #text, p{  
    color:rgb(182, 54, 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, 54, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 54, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 35.4731, 41.6340, 22.5872 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, 54, 0) }
```


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

```
.border{ border-color:rgb(182, 54, 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, 54, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 54, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 54, 0);  
box-shadow:4px 4px 4px 4px rgb(182, 54, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 35.4731, 41.6340, 22.5872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 54, 0) }
```

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

```
.background{ background-color: rgb(182, 54,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor