

Converting Colors

HunterLab(40.9324, 34.5268,
21.6079)

Have a look what the booklet for
HunterLab(40.9324, 34.5268,
21.6079) contains.

HunterLab(40.9608, 34.6900, 21.6412)	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(40.9608, 34.6900,
21.6412)**

Conversions

Conversions Part 1

Format	Color
Hex	BD5031
RGB	189, 80, 49
RGB Percent	74%, 31%, 19%
CMY	0.2588, 0.6862, 0.8078
CMYK	0.00, 0.58, 0.74, 0.26
HSL	13°, 59%, 47%
HSV	13°, 74%, 74%
XYZ	24.4093, 16.7779, 4.8577
YIQ	109.0570, 74.9150, 13.4670

Conversions

Conversions Part 2

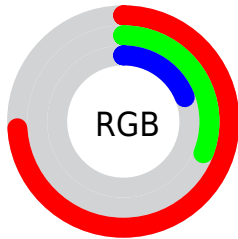
Format	Color
R_{YB}	189, 89, 49
Decimal	12406833
CIE _{Lab}	47.98, 42.04, 39.38
CIE _{LCh}	48, 57.601, 43.125
Yxy	16.7788, 0.5301, 0.3644
Android (android.graphics.Color)	4290596913 (0xFFBD5031)
YUV	109.0570, -29.6081, 70.1100
Hunter-Lab	40.9608, 34.6900, 21.6412

Details

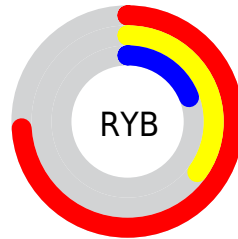
The HunterLab color **40.9608, 34.6900, 21.6412** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **53.6457, -18.4226, -20.4755**, and the grayscale version is **39.2179, -2.0926, 2.1308**.

A 20% lighter version of the original color is **61.5425, 37.8809, 27.6901**, and **23.3567, 31.3927, 14.7961** is the 20% darker color. If you saturate the color by 10%, you get **38.3761, 40.4218, 22.4467**, and if you desaturate by 10%, it is **44.0103, 28.8140, 20.2772**.

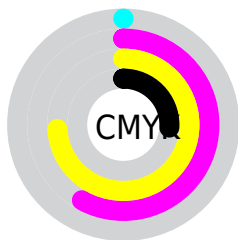
Distribution



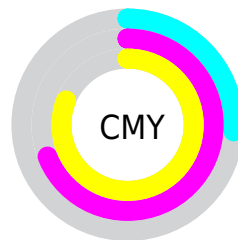
- Red (74%)
- Green (31%)
- Blue (19%)



- Red (74%)
- Yellow (35%)
- Blue (19%)



- Cyan (0%)
- Magenta (58%)
- Yellow (74%)
- Black (26%)



- Cyan (26%)
- Magenta (69%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.9608, 34.6900, 21.6412 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 40.9608, 34.6900, 21.6412 by changing the saturation by 10% instead.

40.9608, 34.6900,
21.6412

40.9608, 34.6900,
21.6412

152.9361, 44.3274,
46.0614

31.7442, 33.0910,
18.2858

61.5996, 37.5162,
27.7730

23.3452, 31.3804,
14.7674

72.9234, 38.7616,
30.6251

15.8544, 29.6003,
11.0981

84.8669, 39.9047,
33.3711

9.3992, 27.9432,
6.5794

97.3995, 40.9531,
36.0304

0.0000, INF, NaN

0.0000, NaN, NaN

110.4946, 41.9138,
38.6183

0.0000, NaN, NaN

124.1291, 42.7928,

0.0000, NaN, NaN

41.1466

0.0000, NaN, NaN

138.2824, 43.5957,
43.6250

■ 40.9608, 34.6900,
21.6412

■ 40.9608, 34.6900,
21.6412

■ 38.3761, 40.4218,
22.4467

■ 44.0103, 28.8140,
20.2772

■ 36.2965, 45.7218,
22.6390

■ 47.4699, 23.0180,
18.4449

■ 35.3053, 48.4802,
22.6037

■ 51.2892, 17.4306,
16.2407

■ 55.4210, 12.1183,
13.7486

■ 59.8239, 7.1035,
11.0354

■ 64.4629, 2.3814,
8.1520

■ 69.3084, -2.0669,
5.1359

■ 74.3360, -6.2671,
2.0143

■ 79.5252, -10.2465,
-1.1931

Harmonies

Analogous

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



40.9619, 49.4325, 10.5648



40.9608, 34.6900, 21.6412



40.9619, 11.2351, 25.3617

Triad

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



40.9619, 34.6867, 21.6418



40.9619, -36.0850, 12.5240



40.9619, 8.1768, -62.1058

Complementary

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



40.9608, 34.6900, 21.6412



53.6457, -18.4226, -20.4755

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.



40.9619, -14.0779, -60.5184



40.9608, 34.6900, 21.6412



40.9619, -36.5551, -8.3361

Square

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



40.9619, 34.6867, 21.6418



40.9619, -27.9077, 22.4051



40.9619, -29.3719, -37.3984



40.9619, 32.0327, -40.9913

Rectangle

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



40.9608, 34.6900, 21.6412



40.9619, -4.5347, 25.7743



40.9619, -29.3719, -37.3984



40.9619, 0.2131, -64.4480

Sweetspot

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



40.9619, 34.6867, 21.6418



81.1091, 8.3912, 14.1189



39.3790, 59.4284, -23.8520



36.8511, 4.7067, 7.0196



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.



40.9619, 34.6867, 21.6418



49.5096, 58.6967, 30.2987



57.1323, 1.0616, 32.2076



31.4164, 0.1170, 3.1746



29.1242, 39.2609, 18.6335



6.5746, 5.5083, 4.1477

Inverse Universe

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



53.6457, -18.4226, -20.4755



68.2199, -23.1889, -33.3084



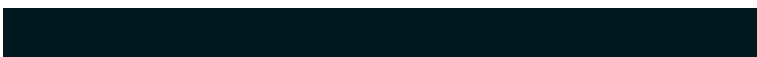
33.7884, 14.8128, -63.4004



32.3129, -3.3811, 0.2698



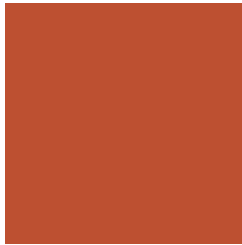
40.8156, -13.3770, -22.1388



8.6187, -3.3796, -3.4771

Previews

White Background



This preview shows how the HunterLab color 40.9608, 34.6900, 21.6412 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 40.9608, 34.6900, 21.6412 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 40.9608, 34.6900, 21.6412 Background



This preview shows how black text looks on a background with the HunterLab color 40.9608, 34.6900, 21.6412.



This preview shows how white text looks on a background with the HunterLab color 40.9608, 34.6900,

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

40.9608, 34.6900, 21.6412

Protanopia

41.2593, -4.9277, 19.1944

Deuteranopia

41.1632, 2.6123, 22.2552



Tritanopia

40.8780, 38.9609, 14.5801

Trichromacy



Original Color

40.9608, 34.6900, 21.6412

Protanomaly

40.2217, 8.8713, 19.4246

Deuteranomaly

40.4949, 14.3773, 21.5696

Tritanomaly

40.8468, 37.6074, 17.6556

Monochromacy



Original Color

40.9608, 34.6900, 21.6412

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

38.5055, 9.4252, 10.0080

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.9608, 34.6900, 21.6412 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(189, 80, 49)` looks like.

```
.text, #text, p{  
    color:rgb(189, 80, 49)  
}
```

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(189, 80, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 80, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 40.9608, 34.6900, 21.6412 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(189, 80, 49) }
```


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

```
.border{ border-color:rgb(189, 80, 49) }
```

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

Here you see how a box with a 4 pixel rgb(189, 80, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 80, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 80, 49);  
box-shadow:4px 4px 4px 4px rgb(189, 80,  
49) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.9608, 34.6900, 21.6412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 80, 49) }
```

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

```
.background{ background-color: rgb(189, 80,  
49) }
```

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