

Converting Colors

HunterLab(40.0309, -1.9198,
19.5575)

Have a look what the booklet for
HunterLab(40.0309, -1.9198,
19.5575) contains.

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Color

**HunterLab(40.0949, -2.1771,
19.6876)**

Conversions

Conversions Part 1

Format	Color
Hex	816E35
RGB	129, 110, 53
RGB Percent	51%, 43%, 21%
CMY	0.4941, 0.5686, 0.7922
CMYK	0.00, 0.15, 0.59, 0.49
HSL	45°, 42%, 36%
HSV	45°, 59%, 51%
XYZ	15.2718, 16.0760, 5.6662
YIQ	109.1830, 29.6210, -13.6990

Conversions

Conversions Part 2

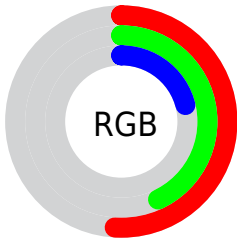
Format	Color
R_{YB}	78, 129, 53
Decimal	8482357
CIE _{Lab}	47.08, -0.05, 34.08
CIE _{LCh}	47, 34.080, 90.083
Yxy	16.0768, 0.4126, 0.4343
Android (android.graphics.Color)	4286672437 (0xFF816E35)
YUV	109.1830, -27.6982, 17.3795
Hunter-Lab	40.0949, -2.1771, 19.6876

Details

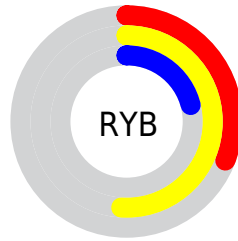
The HunterLab color $40.0949, -2.1771, 19.6876$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $26.4127, 6.1390, -30.2380$, and the grayscale version is $39.2707, -2.0954, 2.1336$.

A 20% lighter version of the original color is $60.5305, -2.9804, 24.9337$, and $22.6798, -1.3964, 13.5754$ is the 20% darker color. If you saturate the color by 10%, you get $39.1029, -1.4513, 21.0121$, and if you desaturate by 10%, it is $41.1345, -2.7097, 17.8922$.

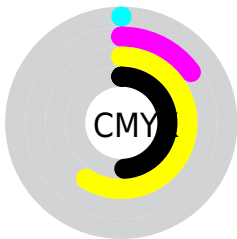
Distribution



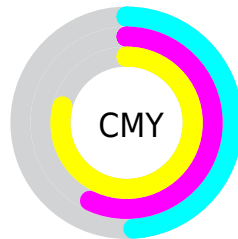
- Red (51%)
- Green (43%)
- Blue (21%)



- Red (31%)
- Yellow (51%)
- Blue (21%)



- Cyan (0%)
- Magenta (15%)
- Yellow (59%)
- Black (49%)



- Cyan (49%)
- Magenta (57%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0949, -2.1771, 19.6876 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 40.0949, -2.1771, 19.6876 by changing the saturation by 10% instead.

40.0949, -2.1771,
19.6876

40.0949, -2.1771,
19.6876

151.5897, -8.1544,
41.4767

30.9491, -1.6871,
16.7259

60.6065, -3.2797,
25.1088

22.6283, -1.2393,
13.5314

71.8725, -3.8839,
27.6396

15.2252, -0.8401,
10.6577

83.7613, -4.5212,
30.0835

8.8502, -0.4970,
6.1951

96.2417, -5.1901,
32.4573

0.0000, NaN, NaN

0.0000, NaN, NaN

109.2869, -5.8890,
34.7743

0.0000, NaN, NaN

122.8734, -6.6167,

0.0000, NaN, NaN

136.9805, -7.3722,
39.2766

■ 40.0949, -2.1771,
19.6876

■ 40.0949, -2.1771,
19.6876

■ 39.1029, -1.4513,
21.0121

■ 41.1345, -2.7097,
17.8922

■ 38.1555, -0.5330,
21.8716

■ 42.2185, -3.0426,
15.6266

■ 37.2525, 0.5659,
22.2863

■ 43.3473, -3.1785,
12.8991

■ 36.3856, 1.7946,
22.3865

■ 44.5199, -3.1208,
9.7227

■ 36.2924, 1.9291,
22.3970

■ 45.7352, -2.8741,
6.1132

■ 46.9920, -2.4447,
2.0890

■ 48.2889, -1.8393,
-2.3307

■ 49.6245, -1.0654,
-7.1256

■ 50.9975, -0.1308,
-12.2754

Harmonies

Analogous

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



40.0959, 11.4312, 18.0644



40.0949, -2.1771, 19.6876



40.0959, -14.1756, 18.0457

Triad

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



40.0959, -2.1787, 19.6880



40.0959, -21.9629, -12.0319



40.0959, 22.5273, -11.9500

Complementary

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



40.0949, -2.1771, 19.6876



26.4127, 6.1390, -30.2380

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.



40.0959, 11.5038, -25.1004



40.0949, -2.1771, 19.6876



40.0959, -14.1191, -25.1575

Square

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



40.0959, -2.1787, 19.6880



40.0959, -24.6502, 2.1472



40.0959, -2.1044, -30.5748



40.0959, 26.7804, 2.2178

Rectangle

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



40.0949, -2.1771, 19.6876



40.0959, -19.9360, 14.8681



40.0959, -2.1044, -30.5748



40.0959, 19.4255, -16.7830

Sweetspot

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



40.0959, -2.1787, 19.6880



59.6554, -4.1658, 12.7867



27.7152, 25.5392, 4.4092



28.1931, -2.0039, 6.6156



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



40.0959, -2.1787, 19.6880



51.8451, -1.5107, 28.6216



43.9004, -16.1475, 22.2195



22.0070, -1.3865, 2.9750



35.8456, 1.8884, 22.1209

0.0000, NaN, NaN

Inverse Universe

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



26.4127, 6.1390, -30.2380



30.0528, 13.4898, -54.6211



23.4714, 19.0667, -37.6664



20.9116, -0.8342, -0.7759



16.0355, 20.6545, -64.6301

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.0949, -2.1771, 19.6876 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 40.0949, -2.1771, 19.6876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

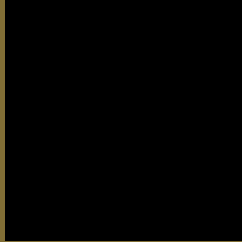
Any Text WCAG AA × Fail

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 40.0949, -2.1771, 19.6876 Background



This preview shows how black text looks on a background with the HunterLab color 40.0949, -2.1771, 19.6876.



This preview shows how white text looks on a background with the HunterLab color 40.0949, -2.1771,

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

40.0949, -2.1771, 19.6876

Protanopia

40.1743, -4.6702, 19.5228

Deuteranopia

39.9721, 2.8434, 19.5037



Tritanopia

40.1731, 8.3715, 2.2772

Trichromacy



Original Color

40.0949, -2.1771, 19.6876

Protanomaly

40.0885, -3.5677, 19.4782

Deuteranomaly

39.9157, 1.3192, 19.4349

Tritanomaly

39.9611, 4.0303, 10.0096

Monochromacy



Original Color

40.0949, -2.1771, 19.6876

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

39.2066, -2.7129, 9.8189

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0949, -2.1771, 19.6876 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(129, 110, 53)` looks like.

```
.text, #text, p{  
    color:rgb(129, 110, 53)  
}
```

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(129, 110, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 110, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0949, -2.1771, 19.6876 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(129, 110, 53) }
```


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

```
.border{ border-color:rgb(129, 110, 53) }
```

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

Here you see how a box with a 4 pixel rgb(129, 110, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 110, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 110, 53);  
box-shadow:4px 4px 4px 4px rgb(129, 110,  
53) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.0949, -2.1771, 19.6876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 110, 53) }
```

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

```
.background{ background-color: rgb(129,  
110, 53) }
```

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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