

Converting Colors

HunterLab(40.4500, 14.5804,
19.8825)

Have a look what the booklet for
HunterLab(40.4500, 14.5804,
19.8825) contains.

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Color

**HunterLab(40.4748, 14.5289,
19.9001)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6237
RGB	159, 98, 55
RGB Percent	62%, 38%, 22%
CMY	0.3765, 0.6157, 0.7843
CMYK	0.00, 0.38, 0.65, 0.38
HSL	25°, 49%, 42%
HSV	25°, 65%, 62%
XYZ	19.3553, 16.3821, 5.7564
YIQ	111.3370, 50.1590, -0.4410

Conversions

Conversions Part 2

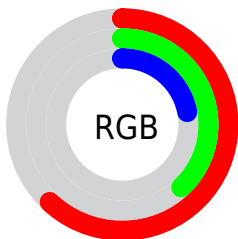
Format	Color
R_{YB}	159, 128, 55
Decimal	10445367
CIE _{Lab}	47.47, 20.58, 34.37
CIE _{LCh}	47, 40.060, 59.094
Yxy	16.3829, 0.4665, 0.3948
Android (android.graphics.Color)	4288635447 (0xFF9F6237)
YUV	111.3370, -27.7741, 41.8005
Hunter-Lab	40.4748, 14.5289, 19.9001

Details

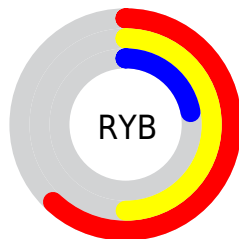
The HunterLab color **40.4748, 14.5289, 19.9001** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **39.7559, -6.3617, -24.5312**, and the grayscale version is **40.0891, -2.1391, 2.1781**.

A 20% lighter version of the original color is **61.0130, 15.5494, 25.3986**, and **22.9585, 12.8990, 13.7053** is the 20% darker color. If you saturate the color by 10%, you get **38.2224, 18.1596, 20.8793**, and if you desaturate by 10%, it is **42.9055, 11.1346, 18.4184**.

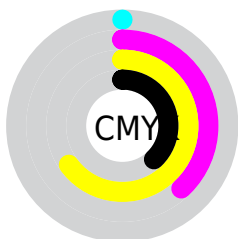
Distribution



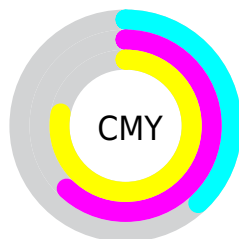
- Red (62%)
- Green (38%)
- Blue (22%)



- Red (62%)
- Yellow (50%)
- Blue (22%)



- Cyan (0%)
- Magenta (38%)
- Yellow (65%)
- Black (38%)



- Cyan (38%)
- Magenta (62%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4748, 14.5289, 19.9001 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 40.4748, 14.5289, 19.9001 by changing the saturation by 10% instead.

40.4748, 14.5289,
19.9001

40.4748, 14.5289,
19.9001

152.1811, 16.7216,
41.8103

31.2978, 13.8569,
16.9238

61.0424, 15.5433,
25.3508

22.9425, 13.0568,
13.7118

72.3339, 15.9155,
27.8959

15.5008, 12.1046,
10.8505

84.2467, 16.2095,
30.3536

9.0956, 11.0149,
6.3669

96.7501, 16.4326,
32.7410

0.0000, INF, NaN

0.0000, NaN, NaN

109.8173, 16.5908,
35.0710

0.0000, NaN, NaN

123.4249, 16.6889,

0.0000, NaN, NaN

37.3541

0.0000, NaN, NaN

137.5523, 16.7313,
39.5983

■ 40.4748, 14.5289,
19.9001

■ 40.4748, 14.5289,
19.9001

■ 38.2224, 18.1596,
20.8793

■ 42.9055, 11.1346,
18.4184

■ 36.1617, 21.9951,
21.3213

■ 45.4952, 8.0002,
16.4785

■ 34.3086, 25.9616,
21.2329

■ 48.2295, 5.1250,
14.1303

■ 33.5227, 27.7633,
21.1426

■ 51.0946, 2.5006,
11.4214

■ 54.0780, 0.1131,
8.3953

■ 57.1687, -2.0547,
5.0905

■ 60.3570, -4.0207,
1.5403

■ 63.6343, -5.8028,
-2.2265

■ 66.9932, -7.4183,
-6.1858

Harmonies

Analogous

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



40.4758, 27.7137, 13.8198



40.4748, 14.5289, 19.9001



40.4758, -1.6835, 21.6746

Triad

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



40.4758, 14.5266, 19.9006



40.4758, -28.1229, 2.6546



40.4758, 13.5746, -31.7474

Complementary

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



40.4748, 14.5289, 19.9001



39.7559, -6.3617, -24.5312

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.



40.4758, -2.6380, -38.2712



40.4748, 14.5289, 19.9001



40.4758, -25.2922, -14.3802

Square

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



40.4758, 14.5266, 19.9006



40.4758, -24.9283, 14.3446



40.4758, -16.5197, -30.9600



40.4758, 27.1078, -15.4807

Rectangle

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



40.4748, 14.5289, 19.9001



40.4758, -11.5641, 21.0212



40.4758, -16.5197, -30.9600



40.4758, 8.1856, -35.3752

Sweetspot

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



40.4758, 14.5266, 19.9006



70.3661, 1.7019, 13.2984



33.7597, 40.8449, -8.2563



32.9113, 1.2146, 6.8171



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



40.4758, 14.5266, 19.9006



49.9951, 26.3655, 28.2710



53.8657, -9.1939, 29.0522



26.5974, -0.5932, 3.0357



29.9243, 24.3400, 18.8654



4.9136, 1.2313, 3.0493

Inverse Universe

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



39.7559, -6.3617, -24.5312



48.7720, -6.0145, -41.4641



26.7250, 18.3327, -55.9801



26.5502, -2.1461, -0.2176



28.7738, -0.1433, -35.6554



4.7974, -1.4831, -2.7948

Previews

White Background



This preview shows how the HunterLab color 40.4748, 14.5289, 19.9001 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 40.4748, 14.5289, 19.9001 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 40.4748, 14.5289, 19.9001 Background



This preview shows how black text looks on a background with the HunterLab color 40.4748, 14.5289, 19.9001.



This preview shows how white text looks on a background with the HunterLab color 40.4748, 14.5289,

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

40.4748, 14.5289, 19.9001

Protanopia

40.6159, -4.3721, 18.7103

Deuteranopia

40.6910, 2.5769, 20.2111



Tritanopia

40.5342, 22.0487, 7.7276

Trichromacy



Original Color

40.4748, 14.5289, 19.9001

Protanomaly

40.4339, 1.8294, 19.0774

Deuteranomaly

40.4599, 7.0578, 19.9404

Tritanomaly

40.4989, 18.9982, 13.0086

Monochromacy



Original Color

40.4748, 14.5289, 19.9001

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

39.5634, 2.7015, 9.5935

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4748, 14.5289, 19.9001 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(159, 98, 55)` looks like.

```
.text, #text, p{  
    color:rgb(159, 98, 55)  
}
```

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(159, 98, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 98, 55) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4748, 14.5289, 19.9001 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(159, 98, 55) }
```


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

```
.border{ border-color:rgb(159, 98, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 98, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 98, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 98, 55);  
box-shadow:4px 4px 4px 4px rgb(159, 98,  
55) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4748, 14.5289, 19.9001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 98, 55) }
```

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

```
.background{ background-color: rgb(159, 98,  
55) }
```

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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