

Converting Colors

HunterLab(39.5826, -17.8479,
19.7487)

Have a look what the booklet for
HunterLab(39.5826, -17.8479,
19.7487) contains.

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Color

**HunterLab(39.4830,
-17.7028, 19.6559)**

Conversions

Conversions Part 1

Format	Color
Hex	5A7731
RGB	90, 119, 49
RGB Percent	35%, 47%, 19%
CMY	0.6471, 0.5333, 0.8078
CMYK	0.24, 0.00, 0.59, 0.53
HSL	85°, 42%, 33%
HSV	85°, 59%, 47%
XYZ	11.3677, 15.5891, 5.3156
YIQ	102.3490, 5.1860, -27.9180

Conversions

Conversions Part 2

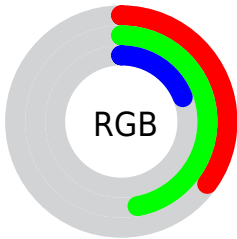
Format	Color
R_{YB}	49, 119, 78
Decimal	5928753
CIE _{Lab}	46.43, -22.75, 34.54
CIE _{LCh}	46, 41.363, 123.371
Yxy	15.5898, 0.3522, 0.4830
Android (android.graphics.Color)	4284118833 (0xFF5A7731)
YUV	102.3490, -26.3011, -10.8301
Hunter-Lab	39.4830, -17.7028, 19.6559

Details

The HunterLab color $39.4830, -17.7028, 19.6559$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $22.6907, 19.8468, -31.2764$, and the grayscale version is $36.6781, -1.9571, 1.9928$.

A 20% lighter version of the original color is $59.7984, -21.2966, 25.0176$, and $22.0267, -13.3874, 13.3384$ is the 20% darker color. If you saturate the color by 10%, you get $39.0680, -19.5483, 21.0623$, and if you desaturate by 10%, it is $39.9492, -15.6275, 17.8111$.

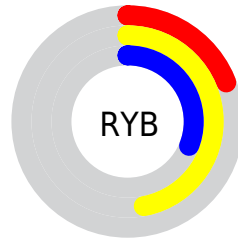
Distribution



Red (35%)

Green (47%)

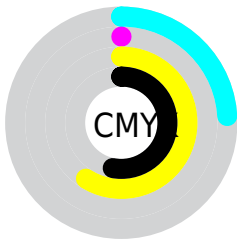
Blue (19%)



Red (19%)

Yellow (47%)

Blue (31%)

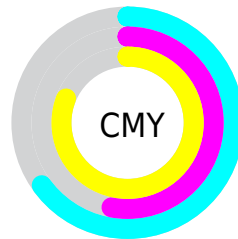


Cyan (24%)

Magenta (0%)

Yellow (59%)

Black (53%)



Cyan (65%)

Magenta (53%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.4830, -17.7028, 19.6559 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 39.4830, -17.7028, 19.6559 by changing the saturation by 10% instead.

■ 39.4830, -17.7028,
19.6559

■ 39.4830, -17.7028,
19.6559

150.6349,
-33.6861, 41.7249

■ 30.3880, -15.6789,
16.6440

■ 59.9037, -21.4997,
25.1601

■ 22.1232, -13.5188,
13.4198

■ 71.1285, -23.3150,
27.7263

■ 14.7831, -11.1507,
10.3482

■ 82.9782, -25.0934,
30.2023

■ 8.4381, -12.1999,
5.9067

■ 95.4214, -26.8441,
32.6057

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 108.4310,
-28.5740, 34.9501

0.0000, NaN, NaN

■ 121.9833,

0.0000, NaN, NaN

-30.2884, 37.2461

0.0000, NaN, NaN

136.0575,
-31.9913, 39.5021

■ 39.4830, -17.7028,
19.6559

■ 39.4830, -17.7028,
19.6559

■ 39.0680, -19.5483,
21.0623

■ 39.9492, -15.6275,
17.8111

■ 38.7000, -21.1637,
22.0497

■ 40.4650, -13.3206,
15.5156

■ 38.3777, -22.5576,
22.6491

■ 41.0319, -10.7874,
12.7654

■ 38.0918, -23.7799,
22.9931

■ 41.6500, -8.0349,
9.5625

■ 38.0594, -23.9192,
23.0333

■ 42.3192, -5.0721,
5.9139

■ 43.0390, -1.9095,
1.8309

■ 43.8088, 1.4413,
-2.6719

■ 44.6276, 4.9680,
-7.5772

■ 45.4944, 8.6578,
-12.8657

Harmonies

Analogous

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



39.4839, -3.9088, 21.6691



39.4830, -17.7028, 19.6559



39.4839, -26.1015, 13.1815

Triad

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



39.4839, -17.7038, 19.6562



39.4839, -15.0220, -34.1743



39.4839, 33.7006, 3.8382

Complementary

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



39.4830, -17.7028, 19.6559



22.6907, 19.8468, -31.2764

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.



39.4839, 29.4719, -13.4198



39.4830, -17.7028, 19.6559



39.4839, -0.2761, -39.8754

Square

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



39.4839, -17.7038, 19.6562



39.4839, -24.7358, -17.6709



39.4839, 16.3591, -31.1078



39.4839, 27.1408, 15.1366

Rectangle

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



39.4830, -17.7028, 19.6559



39.4839, -28.3456, 5.3931



39.4839, 16.3591, -31.1078



39.4839, 33.4971, -1.3957

Sweetspot

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



39.4839, -17.7038, 19.6562



55.7653, -10.6118, 12.6280



30.7441, 8.9990, 13.4978



27.0463, -5.6157, 6.6840



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



39.4839, -17.7038, 19.6562



52.0751, -27.0552, 28.7756



37.7583, -24.5580, 18.2735



20.4799, -2.4848, 2.9000



39.2215, -24.6834, 23.7360



86.2863, -55.6902, 52.1942

Inverse Universe

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



22.6907, 19.8468, -31.2764



25.4708, 33.9620, -56.4601



26.4078, 28.8884, -22.4084



19.1236, 0.4261, -0.8899



14.5308, 34.6227, -66.0991



31.3231, 75.6564, -150.4128

Previews

White Background



This preview shows how the HunterLab color 39.4830, -17.7028, 19.6559 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 39.4830, -17.7028, 19.6559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

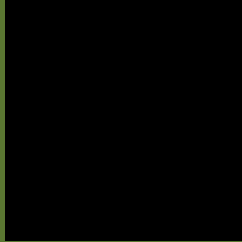
Any Text WCAG AA × Fail

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 39.4830, -17.7028, 19.6559 Background



This preview shows how black text looks on a background with the HunterLab color 39.4830, -17.7028, 19.6559.



This preview shows how white text looks on a background with the HunterLab color 39.4830,

-17.7028, 19.6559.

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

39.4830, -17.7028, 19.6559

Protanopia

39.3531, -4.9346, 20.2686

Deuteranopia

39.1262, 2.6287, 19.0514



Tritanopia

39.5240, -4.1740, -2.8541

Trichromacy



Original Color

39.4830, -17.7028, 19.6559

Protanomaly

39.1542, -9.9442, 19.8802

Deuteranomaly

38.8679, -5.1193, 18.9048

Tritanomaly

39.4645, -10.1721, 7.8745

Monochromacy



Original Color

39.4830, -17.7028, 19.6559

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

37.3448, -8.1829, 9.8758

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.4830, -17.7028, 19.6559 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(90, 119, 49)` looks like.

```
.text, #text, p{  
    color:rgb(90, 119, 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(90, 119, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 119, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 39.4830, -17.7028, 19.6559 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(90, 119, 49) }
```


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

```
.border{ border-color:rgb(90, 119, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 119, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 119, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 119, 49);  
box-shadow:4px 4px 4px 4px rgb(90, 119,  
49) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.4830, -17.7028, 19.6559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 119, 49) }
```

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

```
.background{ background-color: rgb(90, 119,  
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](#).

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