

Converting Colors

HunterLab(17.2324, -2.4737,
4.3874)

Have a look what the booklet for
HunterLab(17.2324, -2.4737, 4.3874)
contains.

HunterLab(17.2190, -2.4850, 4.2527)	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(17.2190, -2.4850,
4.2527)**

Conversions

Conversions Part 1

Format	Color
Hex	303126
RGB	48, 49, 38
RGB Percent	19%, 19%, 15%
CMY	0.8118, 0.8078, 0.8510
CMYK	0.02, 0.00, 0.22, 0.81
HSL	65°, 13%, 17%
HSV	65°, 22%, 19%
XYZ	2.6671, 2.9649, 2.2655
YIQ	47.4470, 2.9350, -3.6330

Conversions

Conversions Part 2

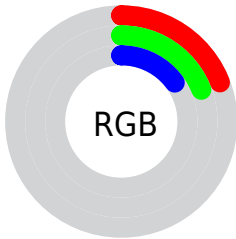
Format	Color
R_YB	38, 49, 39
Decimal	3158310
CIE Lab	19.90, -2.82, 6.89
CIE LCh	20, 7.447, 112.217
Yxy	2.9651, 0.3377, 0.3754
Android (android.graphics.Color)	4281348390 (0xFF303126)
YUV	47.4470, -4.6574, 0.4850
Hunter-Lab	17.2190, -2.4850, 4.2527

Details

The HunterLab color **17.2190, -2.4850, 4.2527** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14.2807, 1.0612, -3.2462**, and the grayscale version is **17.0229, -0.9083, 0.9249**.

A 20% lighter version of the original color is **33.4494, -3.7334, 6.0403**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **17.1018, -3.0797, 5.4702**, and if you desaturate by 10%, it is **17.3485, -1.8318, 2.8797**.

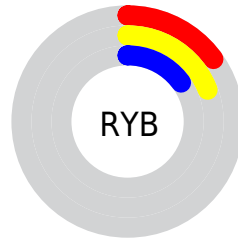
Distribution



Red (19%)

Green (19%)

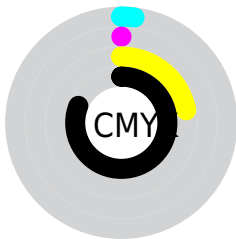
Blue (15%)



Red (15%)

Yellow (19%)

Blue (15%)

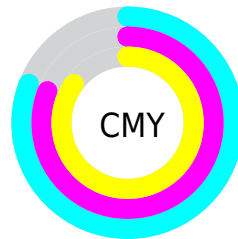


Cyan (2%)

Magenta (0%)

Yellow (22%)

Black (81%)



Cyan (81%)

Magenta (81%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.2190, -2.4850, 4.2527 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 17.2190, -2.4850, 4.2527 by changing the saturation by 10% instead.

■ 17.2190, -2.4850,
4.2527

■ 17.2190, -2.4850,
4.2527

■ 113.0758, -9.0101,
12.8912

■ 10.5524, -1.8842,
3.3873

■ 33.4558, -3.7535,
6.1318

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 42.8228, -4.4263,
7.0635

0.0000, NaN, NaN

■ 52.9304, -5.1257,
8.0016

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.7278, -5.8516,
8.9503

0.0000, NaN, NaN

■ 75.1734, -6.6035,
9.9122

0.0000, NaN, NaN

■ 87.2325, -7.3810,

0.0000, NaN, NaN

10.8889

■ 99.8752, -8.1834,
11.8817

■ 17.2190, -2.4850,
4.2527

■ 17.2190, -2.4850,
4.2527

■ 17.1018, -3.0797,
5.4702

■ 17.3485, -1.8318,
2.8797

■ 16.9955, -3.6146,
6.5327

■ 17.4894, -1.1188,
1.3506

■ 16.9002, -4.0909,
7.4427

■ 17.6421, -0.3471,
-0.3337

■ 16.8155, -4.5097,
8.2039

■ 17.8068, 0.4822,
-2.1711

■ 16.7411, -4.8727,
8.8213

■ 17.9834, 1.3681,
-4.1591

■ 16.6759, -5.1843,
9.3069

■ 18.1721, 2.3089,
-6.2943

■ 16.6132, -5.4838,
9.7618

■ 18.3727, 3.3030,
-8.5728

■ 16.5659, -5.7106,
10.1079

■ 18.5851, 4.3484,
-10.9900

■ 18.8094, 5.4432,
-13.5411

Harmonies

Analogous

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



17.2194, -0.3449, 4.4571



17.2190, -2.4850, 4.2527



17.2194, -4.1276, 3.2185

Triad

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



17.2194, -2.4855, 4.2529



17.2194, -3.4280, -2.5443



17.2194, 3.4610, 0.3851

Complementary

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



17.2190, -2.4850, 4.2527



14.2807, 1.0612, -3.2462

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.



17.2194, 2.5417, -1.7061



17.2190, -2.4850, 4.2527



17.2194, -1.4871, -3.5300

Square

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



17.2194, -2.4855, 4.2529



17.2194, -4.6525, -0.6496



17.2194, 0.7041, -3.2055



17.2194, 3.1609, 2.3862

Rectangle

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



17.2190, -2.4850, 4.2527



17.2194, -4.7542, 2.1180



17.2194, 0.7041, -3.2055



17.2194, 3.2828, -0.3335

Sweetspot

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



17.2194, -2.4855, 4.2529



22.4177, -1.9017, 2.7335



14.9618, 1.7262, 1.9828



12.3052, -1.0362, 1.4841



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



17.2194, -2.4855, 4.2529



22.0687, -3.6680, 6.4399



16.8563, -3.7961, 3.8702



9.9428, -0.8814, 1.2931



29.9022, -10.5576, 18.2407



78.3393, -28.2233, 47.7782

Inverse Universe

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



14.2807, 1.0612, -3.2462



17.3046, 2.1095, -5.7916



14.6724, 2.3564, -2.6601



9.3139, -0.1270, -0.2993



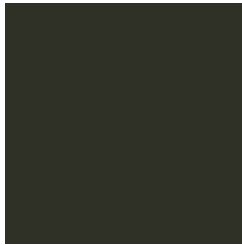
8.8198, 23.3295, -58.0618



22.6774, 60.8691, -156.1460

Previews

White Background



This preview shows how the HunterLab color 17.2190, -2.4850, 4.2527 looks on a white background.

Color Contrast Check

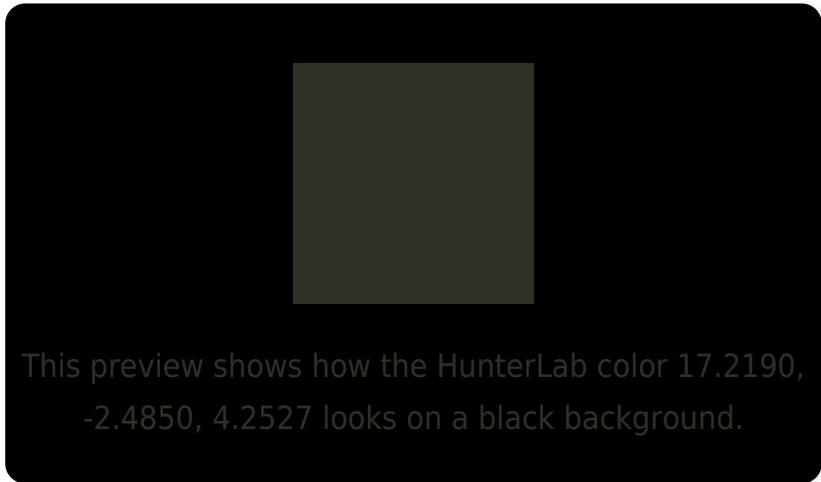
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

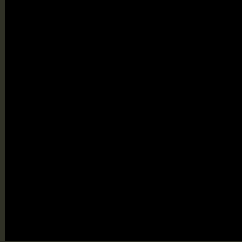
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

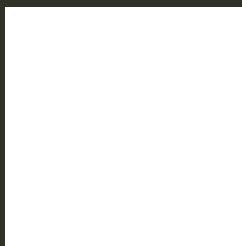
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 17.2190, -2.4850, 4.2527 Background



This preview shows how black text looks on a background with the HunterLab color 17.2190, -2.4850, 4.2527.

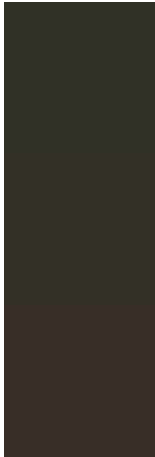


This preview shows how white text looks on a background with the HunterLab color 17.2190, -2.4850,

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

17.2190, -2.4850, 4.2527

Protanopia

17.1978, -1.3245, 4.2522

Deuteranopia

17.1500, 0.9423, 3.9484



Tritanopia

17.1760, 0.3860, -0.2207

Trichromacy



Original Color

17.2190, -2.4850, 4.2527

Protanomaly

17.1230, -1.5873, 4.1738

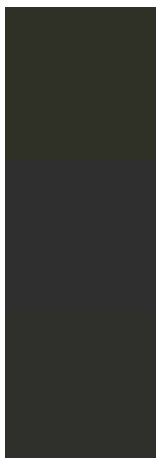
Deuteranomaly

17.1359, -0.2906, 3.9127

Tritanomaly

17.2166, -0.9258, 1.6913

Monochromacy



Original Color

17.2190, -2.4850, 4.2527

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

17.0297, -1.6704, 2.1682

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.2190, -2.4850, 4.2527 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(48, 49, 38)` looks like.

```
.text, #text, p{  
    color:rgb(48, 49, 38)  
}
```

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(48, 49, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 49, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 17.2190, -2.4850, 4.2527 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(48, 49, 38) }
```


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

```
.border{ border-color:rgb(48, 49, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 49, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 49, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 49, 38);  
box-shadow:4px 4px 4px 4px rgb(48, 49, 38)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.2190, -2.4850, 4.2527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 49, 38) }
```

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

```
.background{ background-color: rgb(48, 49,  
38) }
```

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