

Converting Colors

HunterLab(17.5910, -4.3067,
7.5457)

Have a look what the booklet for
HunterLab(17.5910, -4.3067, 7.5457)
contains.

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Color

**HunterLab(17.5232, -4.2906,
7.4159)**

Conversions

Conversions Part 1

Format	Color
Hex	30331A
RGB	48, 51, 26
RGB Percent	19%, 20%, 10%
CMY	0.8118, 0.8000, 0.8980
CMYK	0.06, 0.00, 0.49, 0.80
HSL	67°, 32%, 15%
HSV	67°, 49%, 20%
XYZ	2.5892, 3.0706, 1.4335
YIQ	47.2530, 6.2370, -8.4110

Conversions

Conversions Part 2

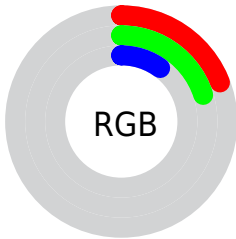
Format	Color
RYB	26, 51, 29
Decimal	3158810
CIELab	20.33, -6.13, 15.40
CIELCh	20, 16.577, 111.690
Yxy	3.0708, 0.3650, 0.4329
Android (android.graphics.Color)	4281348890 (0xFF30331A)
YUV	47.2530, -10.4777, 0.6551
Hunter-Lab	17.5232, -4.2906, 7.4159

Details

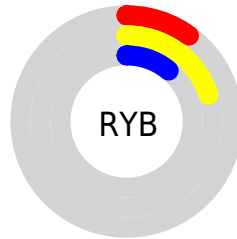
The HunterLab color **17.5232, -4.2906, 7.4159** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **11.1315, 4.1524, -9.7509**, and the grayscale version is **16.9765, -0.9058, 0.9224**.

A 20% lighter version of the original color is **33.8001, -5.8143, 10.5616**, and **2.0837, -1.7867, 1.2527** is the 20% darker color. If you saturate the color by 10%, you get **17.4217, -4.7856, 8.2533**, and if you desaturate by 10%, it is **17.6370, -3.7354, 6.4211**.

Distribution



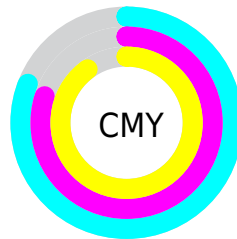
- Red (19%)
- Green (20%)
- Blue (10%)



- Red (10%)
- Yellow (20%)
- Blue (11%)



- Cyan (6%)
- Magenta (0%)
- Yellow (49%)
- Black (80%)



- Cyan (81%)
- Magenta (80%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.5232, -4.2906, 7.4159 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 17.5232, -4.2906, 7.4159 by changing the saturation by 10% instead.

■ 17.5232, -4.2906,
7.4159

■ 17.5232, -4.2906,
7.4159

■ 113.6443,
-12.5051, 20.6764

■ 10.8111, -3.3909,
6.6480

■ 33.8350, -6.0442,
10.6739

■ 1.8971, -3.3199,
1.3280

■ 43.2344, -6.9246,
12.1809

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.3721, -7.8158,
13.6432

0.0000, NaN, NaN

■ 64.1976, -8.7208,
15.0759

0.0000, NaN, NaN

■ 75.6697, -9.6412,
16.4892


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 87.7540, -10.5784,


17.8905


0.0000, NaN, NaN


 100.4207,
-11.5328, 19.2849


 17.5232, -4.2906,
7.4159


 17.5232, -4.2906,
7.4159


 17.4217, -4.7856,
8.2533


 17.6370, -3.7354,
6.4211


 17.3310, -5.2201,
8.9374


 17.7623, -3.1174,
5.2652


 17.2508, -5.5969,
9.4747

 17.8997, -2.4369,
3.9466

 17.1771, -5.9391,
9.9254

 18.0495, -1.6940,
2.4647

 17.1038, -6.2817,
10.3795

 18.2118, -0.8892,
0.8201

■ 17.0966, -6.3154,
10.4243

■ 18.3867, -0.0236,
-0.9856

■ 18.5743, 0.9017,
-2.9500

■ 18.7745, 1.8851,
-5.0698

■ 18.9874, 2.9247,
-7.3411

Harmonies

Analogous

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



17.5236, 0.4498, 7.7176



17.5232, -4.2906, 7.4159



17.5236, -7.7470, 5.6587

Triad

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



17.5236, -4.2911, 7.4161



17.5236, -6.4139, -7.6598



17.5236, 9.4208, -0.3947

Complementary

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



17.5232, -4.2906, 7.4159



11.1315, 4.1524, -9.7509

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.



17.5236, 7.1061, -5.5783



17.5232, -4.2906, 7.4159



17.5236, -2.2799, -10.4657

Square

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



17.5236, -4.2911, 7.4161



17.5236, -8.8753, -2.7014



17.5236, 2.6923, -9.6139



17.5236, 8.7298, 3.9596

Rectangle

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



17.5232, -4.2906, 7.4159



17.5236, -9.0298, 3.5477



17.5236, 2.6923, -9.6139



17.5236, 8.9601, -2.1093

Sweetspot

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



17.5236, -4.2911, 7.4161



23.1258, -2.8393, 4.4910



12.8574, 5.1147, 3.5054



12.2070, -1.5161, 2.4049



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.



17.5236, -4.2911, 7.4161



22.4119, -6.3466, 10.9264



16.7631, -7.1495, 6.7474



9.9380, -0.8982, 1.2876



29.7133, -11.2737, 18.1118



77.8060, -30.2493, 47.4142

Inverse Universe

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



11.1315, 4.1524, -9.7509



12.2243, 7.5242, -17.5603



12.0744, 6.9315, -7.8185



9.3186, -0.1108, -0.2930



8.9146, 23.4043, -57.3227



22.8401, 60.9908, -154.8242

Previews

White Background



This preview shows how the HunterLab color 17.5232, -4.2906, 7.4159 looks on a white background.

Color Contrast Check

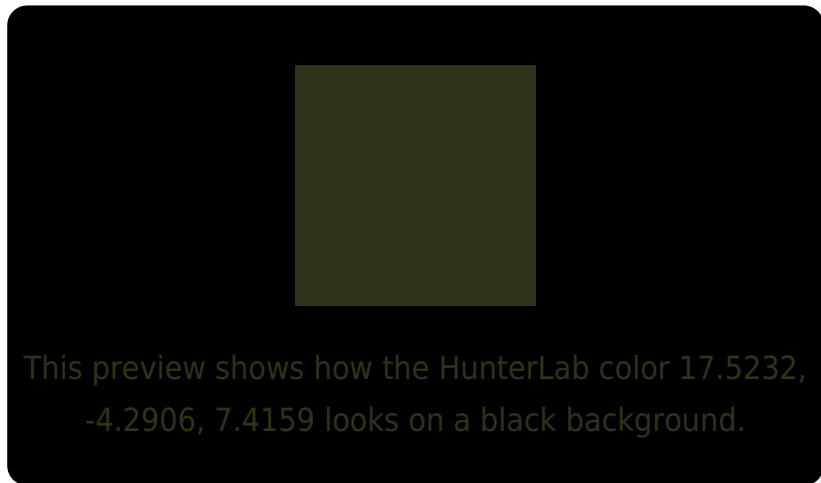
Large Text (above 18pt) WCAG AA ✓ Pass

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

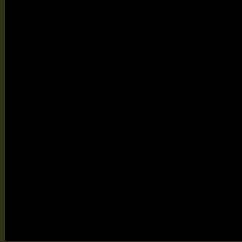
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

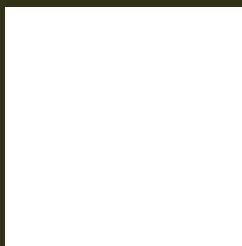
Any Text WCAG AAA × Fail

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

HunterLab 17.5232, -4.2906, 7.4159 Background



This preview shows how black text looks on a background with the HunterLab color 17.5232, -4.2906, 7.4159.

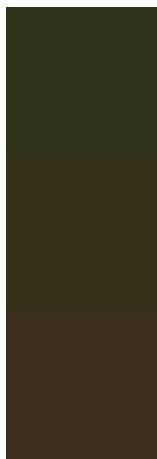


This preview shows how white text looks on a background with the HunterLab color 17.5232, -4.2906, 7.4159.

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

17.5232, -4.2906, 7.4159

Protanopia

17.4673, -2.0045, 7.6064

Deuteranopia

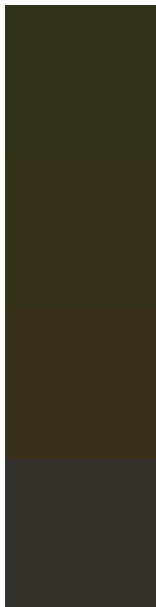
17.5295, 0.6645, 7.3061



Tritanopia

17.5090, 0.3720, -0.2059

Trichromacy



Original Color

17.5232, -4.2906, 7.4159

Protanomaly

17.5541, -2.9366, 7.6590

Deuteranomaly

17.4178, -0.9083, 7.1872

Tritanomaly

17.4618, -1.4272, 2.9747

Monochromacy



Original Color

17.5232, -4.2906, 7.4159

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

16.9255, -2.2474, 3.6662

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.5232, -4.2906, 7.4159 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, 51, 26)` looks like.

```
.text, #text, p{  
    color:rgb(48, 51, 26)  
}
```

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, 51, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 51, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 17.5232, -4.2906, 7.4159 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, 51, 26) }
```


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

```
.border{ border-color:rgb(48, 51, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 51, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 51, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 51, 26);  
box-shadow:4px 4px 4px 4px rgb(48, 51, 26)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.5232, -4.2906, 7.4159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 51, 26) }
```

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

```
.background{ background-color: rgb(48, 51,  
26) }
```

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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