

# Converting Colors

HunterLab(32.9970, -17.4304,  
17.4900)

Have a look what the booklet for  
HunterLab(32.9970, -17.4304,  
17.4900) contains.

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# Color

**HunterLab(32.9264,  
-17.4515, 17.3927)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	446621
RGB	68, 102, 33
RGB Percent	27%, 40%, 13%
CMY	0.7333, 0.6000, 0.8706
CMYK	0.33, 0.00, 0.68, 0.60
HSL	90°, 51%, 26%
HSV	90°, 68%, 40%
XYZ	7.4098, 10.8415, 3.1409
YIQ	83.9680, 1.8850, -28.6670

# Conversions

## Conversions Part 2

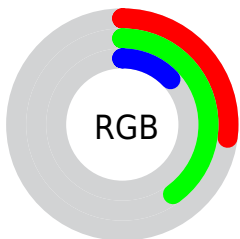
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 102, 67
Decimal	4482593
CIE Lab	39.31, -24.82, 34.03
CIE LCh	39, 42.118, 126.107
Yxy	10.8420, 0.3464, 0.5068
Android (android.graphics.Color)	4282672673 (0xFF446621)
YUV	83.9680, -25.1272, -14.0039
Hunter-Lab	32.9264, -17.4515, 17.3927

# Details


The HunterLab color **32.9264, -17.4515, 17.3927** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **18.0017, 20.6272, -29.9497**, and the grayscale version is **29.8522, -1.5928, 1.6219**.

A 20% lighter version of the original color is **52.2480, -21.4517, 22.9856**, and **17.0053, -12.1726, 10.2655** is the 20% darker color. If you saturate the color by 10%, you get **32.5886, -18.9487, 18.2933**, and if you desaturate by 10%, it is **33.3116, -15.7433, 16.1482**.

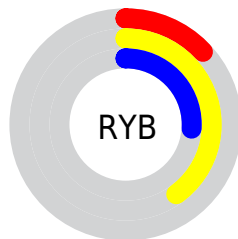
# Distribution



 Red (27%)

 Green (40%)

 Blue (13%)




 Red (13%)

 Yellow (40%)

 Blue (26%)

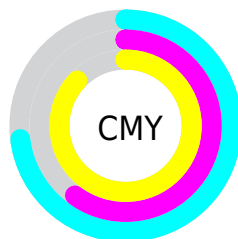



 Cyan (33%)


 Magenta (0%)

 Yellow (68%)

 Black (60%)



 Cyan (73%)

 Magenta (60%)

 Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 32.9264, -17.4515, 17.3927 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 32.9264, -17.4515, 17.3927 by changing the saturation by 10% instead.



■ 32.9264, -17.4515,  
17.3927

■ 32.9264, -17.4515,  
17.3927

140.2070,  
-34.6612, 39.7296

■ 24.4145, -15.1735,  
14.2557

■ 52.3140, -21.6354,  
23.0482

■ 16.7963, -12.6877,  
11.7574

■ 63.0719, -23.6067,  
25.6584

■ 10.1936, -11.2891,  
7.1355

■ 74.4803, -25.5246,  
28.1648

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 86.5039, -27.4017,  
30.5887

0.0000, NaN, NaN

■ 99.1129, -29.2475,  
32.9461

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.2812,

-31.0692, 35.2491

0.0000, NaN, NaN

125.9860,  
-32.8723, 37.5077

32.9264, -17.4515,  
17.3927

32.9264, -17.4515,  
17.3927

32.5886, -18.9487,  
18.2933

33.3116, -15.7433,  
16.1482

32.2942, -20.2363,  
18.8707

33.7430, -13.8223,  
14.5464

32.0362, -21.3578,  
19.2390

34.2220, -11.6931,  
12.5816

31.9786, -21.6103,  
19.3267

34.7489, -9.3621,  
10.2535

35.3234, -6.8380,  
7.5670

■ 35.9451, -4.1311,  
4.5307

■ 36.6135, -1.2525,  
1.1565

■ 37.3274, 1.7855,  
-2.5412

■ 38.0860, 4.9706,  
-6.5464

# Harmonies

## Analogous

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



32.9271, -4.8496, 19.2986



32.9264, -17.4515, 17.3927



32.9271, -24.6909, 11.2805

# Triad

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



32.9271, -17.4522, 17.3929



32.9271, -12.9124, -35.7549



32.9271, 33.1531, 4.6500

# Complementary

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



32.9264, -17.4515, 17.3927



18.0017, 20.6272, -29.9497

# 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.



32.9271, 29.9178, -11.7767



32.9264, -17.4515, 17.3927



32.9271, 1.4507, -40.3087

# Square

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



32.9271, -17.4522, 17.3929



32.9271, -22.4265, -19.4985



32.9271, 17.5674, -30.0457



32.9271, 25.7368, 14.4443



# Rectangle

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



32.9264, -17.4515, 17.3927



32.9271, -26.3963, 3.6476



32.9271, 17.5674, -30.0457



32.9271, 33.2910, -0.1776

# Sweetspot

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



32.9271, -17.4522, 17.3929



46.5485, -10.0598, 11.1110



26.2153, 6.7100, 13.0167



22.5357, -5.2068, 5.7401



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739



# Same Dimension

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



32.9271, -17.4522, 17.3929



42.9278, -26.0948, 24.7096



31.5526, -23.0228, 16.3356



17.9008, -2.2392, 2.4643



36.2079, -24.6202, 21.8801



82.3740, -57.5271, 49.7514



# Inverse Universe

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



18.0017, 20.6272, -29.9497



20.0272, 33.6686, -52.3357



21.9211, 29.1633, -19.9824



16.8038, 0.4337, -0.6887



14.4522, 33.2746, -56.7440



32.2095, 75.1093, -133.8322



# Previews

## White Background



This preview shows how the HunterLab color 32.9264, -17.4515, 17.3927 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 32.9264, -17.4515, 17.3927 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

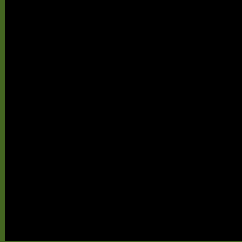
Any Text WCAG AA × Fail

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 32.9264, -17.4515, 17.3927 Background



This preview shows how black text looks on a background with the HunterLab color 32.9264, -17.4515, 17.3927.



This preview shows how white text looks on a background with the HunterLab color 32.9264, -17.4515, 17.3927.

-17.4515, 17.3927.

# 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

32.9264, -17.4515, 17.3927

### Protanopia

32.8725, -4.6259, 17.9595

### Deuteranopia

32.8089, 1.9404, 16.9369



## Tritanopia

32.8381, -4.8361, -3.0184

# Trichromacy



## Original Color

32.9264, -17.4515, 17.3927

## Protanomaly

32.6165, -9.7583, 17.5708

## Deuteranomaly

32.4850, -5.9127, 16.8673

## Tritanomaly

32.7739, -10.6956, 6.9686

# Monochromacy



## Original Color

32.9264, -17.4515, 17.3927

## Achromatopsia

29.7751, -1.5887, 1.6177

## Achromatomaly

30.7953, -8.4654, 9.1993

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 32.9264, -17.4515, 17.3927 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(68, 102, 33)` looks like.

```
.text, #text, p{  
    color:rgb(68, 102, 33)  
}
```

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(68, 102, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 102, 33) }
```

## Border

The CSS property to change the border of an element to HunterLab 32.9264, -17.4515, 17.3927 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(68, 102, 33) }
```



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

```
.border{ border-color:rgb(68, 102, 33) }
```

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

Here you see how a box with a 4 pixel rgb(68, 102, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 102, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 102, 33);  
box-shadow:4px 4px 4px 4px rgb(68, 102,  
33) }
```

# Background

The CSS property to change the background color of an element to HunterLab 32.9264, -17.4515, 17.3927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 102, 33) }
```

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

```
.background{ background-color: rgb(68, 102,  
33) }
```

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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