

# Converting Colors

HunterLab(33.0513, -25.3390,  
17.9317)

Have a look what the booklet for  
HunterLab(33.0513, -25.3390,  
17.9317) contains.

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# Color

**HunterLab(32.9552,  
-25.3138, 17.8872)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1D6B1C
RGB	29, 107, 28
RGB Percent	11%, 42%, 11%
CMY	0.8863, 0.5804, 0.8902
CMYK	0.73, 0.00, 0.74, 0.58
HSL	119°, 59%, 26%
HSV	119°, 74%, 42%
XYZ	5.9740, 10.8605, 2.8800
YIQ	74.6720, -21.1290, -41.1050

# Conversions

## Conversions Part 2

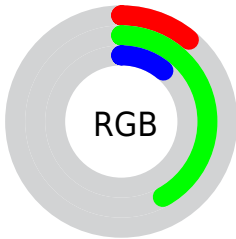
Format	Color
<b>RYB</b>	28, 107, 106
Decimal	1927964
CIELab	39.35, -39.76, 35.83
CIELCh	39, 53.520, 137.973
Yxy	10.8609, 0.3030, 0.5509
Android (android.graphics.Color)	4280118044 (0xFF1D6B1C)
YUV	74.6720, -23.0093, -40.0543
Hunter-Lab	32.9552, -25.3138, 17.8872

# Details

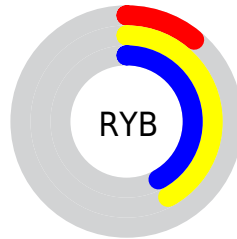
The HunterLab color  $[32.9552, -25.3138, 17.8872]$  is a dark color, and the websafe version is hex  $006600$ . A complement of this color would be  $[22.2635, 33.3066, -22.7434]$ , and the grayscale version is  $[26.4939, -1.4136, 1.4395]$ .

A 20% lighter version of the original color is  $[52.2595, -31.4225, 23.6862]$ , and  $[17.3957, -14.9168, 10.4580]$  is the 20% darker color. If you saturate the color by 10%, you get  $[32.6957, -26.5402, 18.6980]$ , and if you desaturate by 10%, it is  $[33.3209, -23.6116, 16.7492]$ .

# Distribution



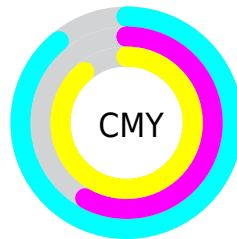
- Red (11%)
- Green (42%)
- Blue (11%)



- Red (11%)
- Yellow (42%)
- Blue (42%)



- Cyan (73%)
- Magenta (0%)
- Yellow (74%)
- Black (58%)



- Cyan (89%)
- Magenta (58%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 32.9552, -25.3138, 17.8872 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 32.9552, -25.3138, 17.8872 by changing the saturation by 10% instead.



■ 32.9552, -25.3138,  
17.8872

■ 32.9552, -25.3138,  
17.8872

140.2536,  
-49.9776, 41.1843

■ 24.4405, -21.8104,  
14.6004

■ 52.3476, -31.5821,  
23.8090

■ 16.8193, -17.9151,  
11.7735

■ 63.1076, -34.4672,  
26.5376

■ 10.2131, -17.6489,  
7.1492

■ 74.5180, -37.2355,  
29.1545

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 86.5436, -39.9107,  
31.6819

0.0000, NaN, NaN

■ 99.1545, -42.5104,  
34.1368


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 112.3245,


-45.0481, 36.5322


0.0000, NaN, NaN


 126.0310,  
-47.5344, 38.8786


 32.9552, -25.3138,  
17.8872


 32.9552, -25.3138,  
17.8872


 32.6957, -26.5402,  
18.6980


 33.3209, -23.6116,  
16.7492


 32.5286, -27.3332,  
19.2199

 33.7971, -21.4208,  
15.2746

 32.4416, -27.7496,  
19.5045

 34.3884, -18.7474,  
13.4666

 35.0966, -15.6117,  
11.3384

 35.9215, -12.0449,  
8.9110

■ 36.8614, -8.0860,  
6.2110

■ 37.9132, -3.7786,  
3.2683

■ 39.0731, 0.8323,  
0.1136

■ 40.3364, 5.7026,  
-3.2226

# Harmonies

## Analogous

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



32.9559, -12.5867, 20.9093



32.9552, -25.3138, 17.8872



32.9559, -31.0806, 8.4156

# Triad

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



32.9559, -25.3143, 17.8874



32.9559, -9.2410, -55.9368



32.9559, 42.2176, 11.0384

# Complementary

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



32.9552, -25.3138, 17.8872



22.2635, 33.3066, -22.7434

# 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.



32.9559, 43.7123, -6.5715



32.9552, -25.3138, 17.8872



32.9559, 10.6739, -53.6547

# Square

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



32.9559, -25.3143, 17.8874



32.9559, -23.3596, -37.4154



32.9559, 31.1110, -32.2982



32.9559, 27.4074, 18.8453



# Rectangle

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



32.9552, -25.3138, 17.8872



32.9559, -31.3613, -3.5676



32.9559, 31.1110, -32.2982



32.9559, 44.4014, 6.3828

# Sweetspot

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



32.9559, -25.3143, 17.8874



48.2112, -15.5040, 11.5059



36.6785, -8.7326, 20.6721



23.6048, -8.1148, 5.9926



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715



# Same Dimension

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



32.9559, -25.3143, 17.8874



43.5709, -36.3662, 25.5746



33.4040, -22.5170, 10.9897



18.5646, -2.9966, 2.3888



35.7801, -30.6128, 21.5116



80.7489, -69.1787, 48.5460



# Inverse Universe

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



22.2635, 33.3066, -22.7434



27.7769, 51.1379, -35.1544



20.9380, 27.7028, -2.4729



17.7821, 1.1435, -0.4754



22.3428, 44.0425, -30.3673

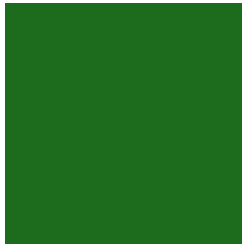


50.4043, 99.3737, -68.6282



# Previews

## White Background



This preview shows how the HunterLab color 32.9552, -25.3138, 17.8872 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 32.9552, -25.3138, 17.8872 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

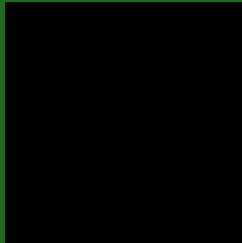
Any Text WCAG AA × Fail

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 32.9552, -25.3138, 17.8872 Background



This preview shows how black text looks on a background with the HunterLab color 32.9552, -25.3138, 17.8872.



This preview shows how white text looks on a background with the HunterLab color 32.9552,

-25.3138, 17.8872.

# 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

32.9552, -25.3138, 17.8872

### Protanopia

32.9207, -4.5387, 18.6498

### Deuteranopia

32.7897, 1.8375, 17.2191



## Tritanopia

33.0165, -11.1260, -5.3274

# Trichromacy



## Original Color

32.9552, -25.3138, 17.8872

## Protanomaly

32.2232, -14.2698, 17.9137

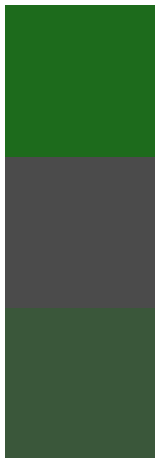
## Deuteranomaly

31.9046, -10.9466, 16.7940

## Tritanomaly

32.8308, -17.9935, 6.5565

# Monochromacy



## Original Color

32.9552, -25.3138, 17.8872

## Achromatopsia

26.5255, -1.4153, 1.4412

## Achromatomaly

28.3221, -12.2728, 8.8572

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 32.9552, -25.3138, 17.8872 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(29, 107, 28)` looks like.

```
.text, #text, p{  
    color:rgb(29, 107, 28)  
}
```

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(29, 107, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 107, 28) }
```

## Border

The CSS property to change the border of an element to HunterLab 32.9552, -25.3138, 17.8872 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(29, 107, 28) }
```



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

```
.border{ border-color:rgb(29, 107, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 107, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 107, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 107, 28);  
box-shadow:4px 4px 4px 4px rgb(29, 107,  
28) }
```

# Background

The CSS property to change the background color of an element to HunterLab 32.9552, -25.3138, 17.8872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 107, 28) }
```

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

```
.background{ background-color: rgb(29, 107,  
28) }
```

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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