

# Converting Colors

HunterLab(13.2919, -3.3404,  
0.2735)

Have a look what the booklet for  
HunterLab(13.2919, -3.3404, 0.2735)  
contains.

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# Color

**HunterLab(13.2394, -3.2278,  
0.2633)**

# Conversions

Conversions Part 1	
Format	Color
Hex	1B2625
RGB	27, 38, 37
RGB Percent	11%, 15%, 15%
CMY	0.8941, 0.8510, 0.8549
CMYK	0.29, 0.00, 0.03, 0.85
HSL	175°, 17%, 13%
HSV	175°, 29%, 15%
XYZ	1.4790, 1.7528, 2.0106
YIQ	34.5970, -6.2350, -2.6430

# Conversions

## Conversions Part 2

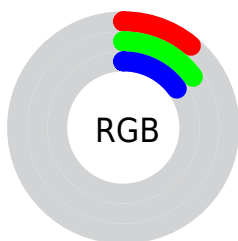
Format	Color
<a href="#">RYB</a>	<a href="#">27, 33, 38</a>
Decimal	<a href="#">1779237</a>
CIELab	<a href="#">14.13, -5.05, -0.91</a>
CIELCh	<a href="#">14, 5.134, 190.212</a>
Yxy	<a href="#">1.7529, 0.2821, 0.3344</a>
Android (android.graphics.Color)	<a href="#">4279969317</a> (0xFF1B2625)
YUV	<a href="#">34.5970, 1.1847, -6.6626</a>
Hunter-Lab	<a href="#">13.2394, -3.2278, 0.2633</a>

# Details

The HunterLab color **13.2394, -3.2278, 0.2633** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **11.3129, 2.3068, 1.2533**, and the grayscale version is **12.8346, -0.6848, 0.6973**.

A 20% lighter version of the original color is **28.5225, -4.7626, 0.8984**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **13.0470, -3.9570, 0.1450**, and if you desaturate by 10%, it is **13.4546, -2.4298, 0.4092**.

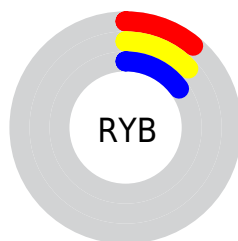
# Distribution



Red (11%)

Green (15%)

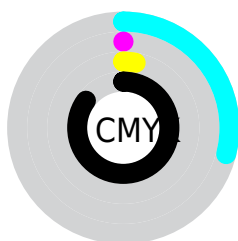
Blue (15%)



Red (11%)

Yellow (13%)

Blue (15%)

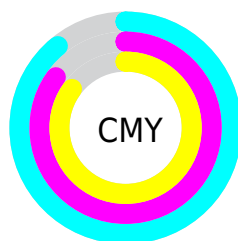


Cyan (29%)

Magenta (0%)

Yellow (3%)

Black (85%)



Cyan (89%)

Magenta (85%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.2394, -3.2278, 0.2633 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 13.2394, -3.2278, 0.2633 by changing the saturation by 10% instead.



13.2394, -3.2278,  
0.2633

13.2394, -3.2278,  
0.2633

105.3918,  
-10.8125, 4.8358

6.7643, -3.6163,  
-0.1896

28.4118, -4.8204,  
0.9609

0.0000, NaN, NaN

0.0000, NaN, NaN

37.3235, -5.6251,  
1.3914

0.0000, NaN, NaN

47.0107, -6.4438,  
1.8684

0.0000, NaN, NaN

0.0000, NaN, NaN

57.4157, -7.2794,  
2.3878

0.0000, NaN, NaN


68.4919, -8.1334,  
2.9466


0.0000, NaN, NaN


80.2009, -9.0067,


0.0000, NaN, NaN


3.5423


 92.5102, -9.8997,  
4.1726


 13.2394, -3.2278,  
0.2633


 13.2394, -3.2278,  
0.2633


 13.0470, -3.9570,  
0.1450


 13.4546, -2.4298,  
0.4092


 12.8766, -4.6134,  
0.0541


 13.6917, -1.5666,  
0.5811


 12.7284, -5.1945,  
-0.0088

 13.9507, -0.6430,  
0.7783

 12.6019, -5.6987,  
-0.0440

 14.2310, 0.3361,  
0.9995

 12.4936, -6.1374,  
-0.0560

 14.5322, 1.3658,  
1.2432

■ 12.3867, -6.5745,  
-0.0663

■ 14.8538, 2.4410,  
1.5080

■ 12.2790, -7.0192,  
-0.0779

■ 15.1949, 3.5568,  
1.7925

■ 12.2677, -7.0664,  
-0.0792

■ 15.5551, 4.7087,  
2.0950

■ 15.9335, 5.8923,  
2.4142

# Harmonies

## Analogous

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



13.2397, -3.1215, 1.5501



13.2394, -3.2278, 0.2633



13.2397, -2.6805, -1.0219

# Triad

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



13.2397, -3.2280, 0.2635



13.2397, 1.0569, -1.3641



13.2397, 0.2067, 2.8901

# Complementary

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



13.2394, -3.2278, 0.2633



11.3129, 2.3068, 1.2533

# 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.



13.2397, 1.3890, 2.2545



13.2394, -3.2278, 0.2633



13.2397, 1.8937, -0.1662

# Square

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



13.2397, -3.2280, 0.2635



13.2397, -0.2316, -2.0235



13.2397, 2.0177, 1.1621



13.2397, -1.1761, 2.9798



# Rectangle

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



13.2394, -3.2278, 0.2633



13.2397, -2.0046, -1.6724



13.2397, 2.0177, 1.1621



13.2397, 0.6423, 2.7366

# Sweetspot

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



13.2397, -3.2280, 0.2635



17.0358, -2.0189, 0.7099



13.0909, -4.1928, 3.2968



9.8319, -1.1758, 0.4077



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439



# Same Dimension

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



13.2397, -3.2280, 0.2635



16.2923, -4.7731, 0.2044



12.2243, -1.4963, -1.3880



7.6234, -0.8063, 0.3361



25.4386, -14.8415, 0.2425



70.2647, -41.3453, 1.4279



# Inverse Universe

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



11.3129, 2.3068, 1.2533



13.2487, 4.0062, 1.7833



12.2158, 0.5074, 2.5034



7.3332, 0.0227, 0.4833



13.3874, 23.0478, 7.7088

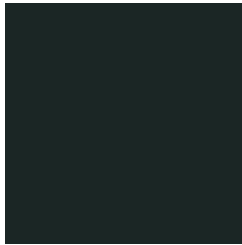


36.9012, 63.3220, 22.8556



# Previews

## White Background



This preview shows how the HunterLab color 13.2394, -3.2278, 0.2633 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

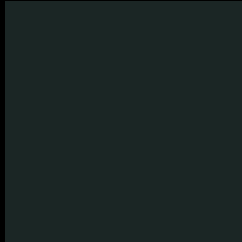
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the HunterLab color 13.2394, -3.2278, 0.2633 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

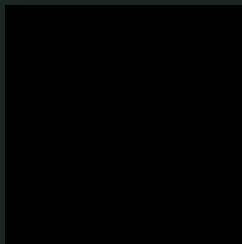
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

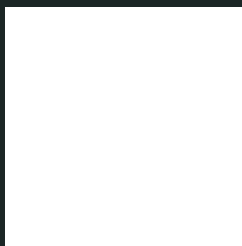
Any Text WCAG AAA × Fail

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

## HunterLab 13.2394, -3.2278, 0.2633 Background



This preview shows how black text looks on a background with the HunterLab color 13.2394, -3.2278, 0.2633.



This preview shows how white text looks on a background with the HunterLab color 13.2394, -3.2278,



# 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

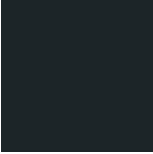
13.2394, -3.2278, 0.2633

### Protanopia

13.2823, -0.7087, 0.7217

### Deuteranopia

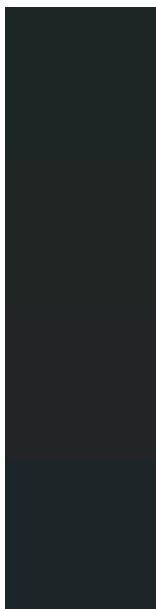
13.2441, 0.4115, -0.0408



## Tritanopia

13.1271, -2.2568, -1.0176

# Trichromacy



## Original Color

13.2394, -3.2278, 0.2633

## Protanomaly

13.3186, -1.7672, 0.7458

## Deuteranomaly

13.1976, -0.9090, -0.1215

## Tritanomaly

13.1015, -2.4003, -0.6553

# Monochromacy



## Original Color

13.2394, -3.2278, 0.2633

## Achromatopsia

12.9643, -0.6917, 0.7044

## Achromatomaly

13.0238, -1.6168, 0.3986

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 13.2394, -3.2278, 0.2633 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(27, 38, 37)` looks like.

```
.text, #text, p{  
    color:rgb(27, 38, 37)  
}
```

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(27, 38, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 38, 37) }
```

## Border

The CSS property to change the border of an element to HunterLab 13.2394, -3.2278, 0.2633 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(27, 38, 37) }
```



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

```
.border{ border-color:rgb(27, 38, 37) }
```

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

Here you see how a box with a 4 pixel rgb(27, 38, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 38, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 38, 37);  
box-shadow:4px 4px 4px 4px rgb(27, 38, 37)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 13.2394, -3.2278, 0.2633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 38, 37) }
```

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

```
.background{ background-color: rgb(27, 38,  
37) }
```

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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