

# Converting Colors

HunterLab(26.7529, 25.9403,  
13.7652)

Have a look what the booklet for  
HunterLab(26.7529, 25.9403,  
13.7652) contains.

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# Color

**HunterLab(26.7006, 25.7898,  
13.7093)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	843021
RGB	132, 48, 33
RGB Percent	52%, 19%, 13%
CMY	0.4824, 0.8117, 0.8706
CMYK	0.00, 0.64, 0.75, 0.48
HSL	9°, 60%, 32%
HSV	9°, 75%, 52%
XYZ	10.8472, 7.1292, 2.2432
YIQ	71.4060, 54.8790, 13.1430

# Conversions

## Conversions Part 2

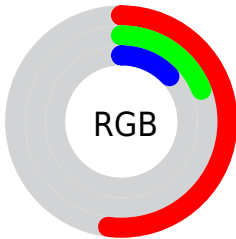
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 51, 33
Decimal	8663073
CIE Lab	32.10, 35.20, 28.10
CIE LCh	32, 45.043, 38.602
Yxy	7.1296, 0.5365, 0.3526
Android (android.graphics.Color)	4286853153 (0xFF843021)
YUV	71.4060, -18.9342, 53.1409
Hunter-Lab	26.7006, 25.7898, 13.7093

# Details

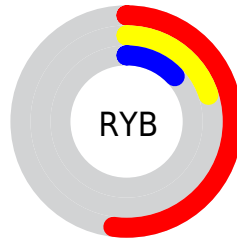
The HunterLab color **26.7006, 25.7898, 13.7093** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **38.3544, -15.2159, -10.3778**, and the grayscale version is **25.2978, -1.3498, 1.3745**.

A 20% lighter version of the original color is **44.9806, 28.3428, 18.7124**, and **12.3956, 21.2278, 8.0097** is the 20% darker color. If you saturate the color by 10%, you get **25.0327, 29.6077, 14.3978**, and if you desaturate by 10%, it is **28.7286, 21.7201, 12.7054**.

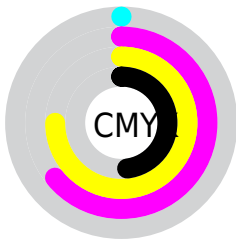
# Distribution



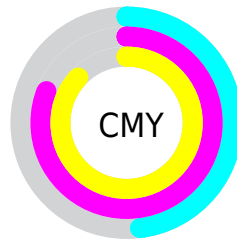
- Red (52%)
- Green (19%)
- Blue (13%)



- Red (52%)
- Yellow (20%)
- Blue (13%)



- Cyan (0%)
- Magenta (64%)
- Yellow (75%)
- Black (48%)



- Cyan (48%)
- Magenta (81%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 26.7006, 25.7898, 13.7093 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 26.7006, 25.7898, 13.7093 by changing the saturation by 10% instead.



26.7006, 25.7898,  
13.7093

26.7006, 25.7898,  
13.7093

129.8986, 34.5174,  
33.3969

18.8237, 24.2471,  
10.9743

44.9817, 28.4771,  
18.7071

11.9228, 22.6217,  
8.3459

55.2448, 29.6332,  
21.0007

4.8219, 32.4134,  
3.3753

66.1879, 30.6770,  
23.2017

0.0000, INF, NaN

0.0000, NaN, NaN

77.7710, 31.6181,  
25.3313

0.0000, NaN, NaN

89.9607, 32.4656,  
27.4052

0.0000, NaN, NaN

102.7280, 33.2270,

0.0000, NaN, NaN

29.4351

0.0000, NaN, NaN

116.0480, 33.9090,  
31.4299

26.7006, 25.7898,  
13.7093

26.7006, 25.7898,  
13.7093

25.0327, 29.6077,  
14.3978

28.7286, 21.7201,  
12.7054

23.7517, 32.9297,  
14.7390

31.0748, 17.5996,  
11.4574

23.2509, 34.2851,  
14.9273

33.6989, 13.5548,  
10.0341

36.5626, 9.6579,  
8.4904

39.6324, 5.9403,  
6.8660

■ 42.8802, 2.4080,  
5.1884

■ 46.2825, -0.9473,  
3.4756

■ 49.8198, -4.1408,  
1.7391

■ 53.4764, -7.1902,  
-0.0140

# Harmonies

## Analogous

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



26.7014, 34.4876, 5.3225



26.7006, 25.7898, 13.7093



26.7014, 10.2225, 16.6097

# Triad

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



26.7014, 25.7875, 13.7097



26.7014, -23.7309, 9.8043



26.7014, 3.1352, -43.9012

# Complementary

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



26.7006, 25.7898, 13.7093



38.3544, -15.2159, -10.3778

# 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.



26.7014, -11.3671, -40.1514



26.7006, 25.7898, 13.7093



26.7014, -24.7977, -3.0982

# Square

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



26.7014, 25.7875, 13.7097



26.7014, -17.4634, 15.4047



26.7014, -20.8045, -22.6794



26.7014, 19.6051, -31.1316



# Rectangle

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



26.7006, 25.7898, 13.7093



26.7014, -0.7021, 17.0896



26.7014, -20.8045, -22.6794



26.7014, -2.1426, -44.6308

# Sweetspot

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



26.7014, 25.7875, 13.7097



53.6614, 6.6852, 8.5597



26.9835, 40.6227, -19.7423



25.4298, 3.7481, 4.3713



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714



# Same Dimension

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



26.7014, 25.7875, 13.7097



31.9779, 42.4813, 19.4586



36.9181, 3.5538, 20.5002



21.8960, 0.2042, 2.0435



22.8910, 33.6981, 14.6952



1.5762, 1.3314, 0.9946



# Inverse Universe

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



38.3544, -15.2159, -10.3778



49.0833, -20.1168, -16.5566



24.6603, 6.3407, -37.1776



22.7198, -2.4947, 0.3841



35.8304, -14.6528, -13.1537



2.2925, -1.0956, -0.5004



# Previews

## White Background



This preview shows how the HunterLab color 26.7006, 25.7898, 13.7093 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

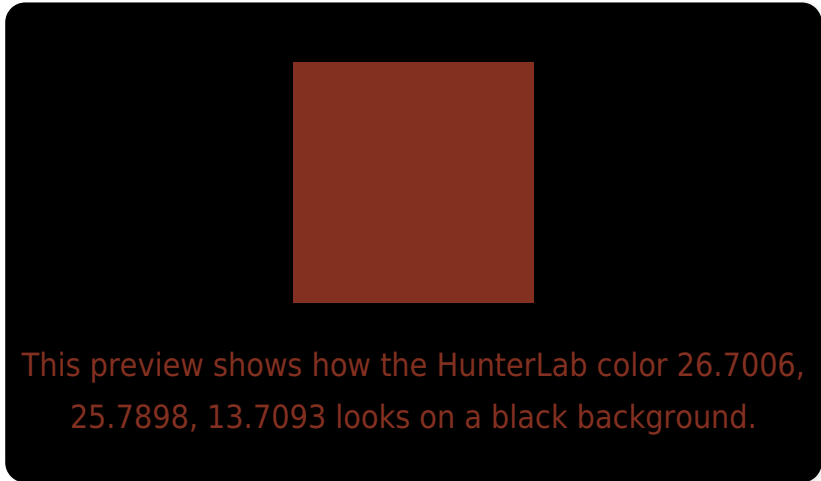
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

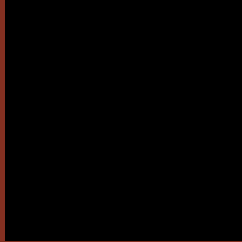
Any Text WCAG AA × Fail

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 26.7006, 25.7898, 13.7093 Background



This preview shows how black text looks on a background with the HunterLab color 26.7006, 25.7898, 13.7093.



This preview shows how white text looks on a background with the HunterLab color 26.7006, 25.7898,



# 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

26.7006, 25.7898, 13.7093

### Protanopia

27.1288, -3.2075, 11.8732

### Deuteranopia

27.0758, 1.4304, 14.4385



## Tritanopia

26.7624, 27.8957, 10.5419

# Trichromacy



## Original Color

26.7006, 25.7898, 13.7093

## Protanomaly

26.0952, 6.8756, 11.8390

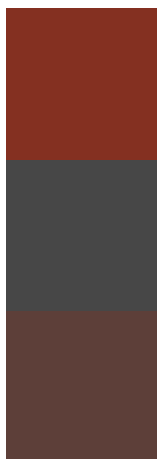
## Deuteranomaly

26.4702, 10.0647, 13.8834

## Tritanomaly

26.8216, 27.1027, 11.9497

# Monochromacy



## Original Color

26.7006, 25.7898, 13.7093

## Achromatopsia

25.1018, -1.3394, 1.3638

## Achromatomaly

24.8547, 6.9934, 6.2039

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 26.7006, 25.7898, 13.7093 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(132, 48, 33)` looks like.

```
.text, #text, p{  
    color:rgb(132, 48, 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(132, 48, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 48, 33) }
```

## Border

The CSS property to change the border of an element to HunterLab 26.7006, 25.7898, 13.7093 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(132, 48, 33) }
```



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

```
.border{ border-color:rgb(132, 48, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 48, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 48, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 48, 33);  
box-shadow:4px 4px 4px 4px rgb(132, 48,  
33) }
```

# Background

The CSS property to change the background color of an element to HunterLab 26.7006, 25.7898, 13.7093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 48, 33) }
```

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

```
.background{ background-color: rgb(132, 48,  
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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