

# Converting Colors

HunterLab(26.2868, 20.4530,  
12.3334)

Have a look what the booklet for  
HunterLab(26.2868, 20.4530,  
12.3334) contains.

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# Color

**HunterLab(26.2623, 20.5907,  
12.4034)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B3526
RGB	123, 53, 38
RGB Percent	48%, 21%, 15%
CMY	0.5176, 0.7921, 0.8510
CMYK	0.00, 0.57, 0.69, 0.52
HSL	11°, 53%, 32%
HSV	11°, 69%, 48%
XYZ	9.7913, 6.8971, 2.6489
YIQ	72.2200, 46.5350, 10.1750

# Conversions

## Conversions Part 2

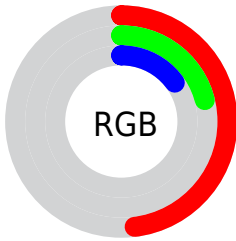
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 56, 38
Decimal	8074534
CIE <sub>Lab</sub>	31.57, 29.34, 24.07
CIE <sub>LCh</sub>	32, 37.947, 39.366
Yxy	6.8975, 0.5063, 0.3567
Android (android.graphics.Color)	4286264614 (0xFF7B3526)
YUV	72.2200, -16.8705, 44.5341
Hunter-Lab	26.2623, 20.5907, 12.4034

# Details

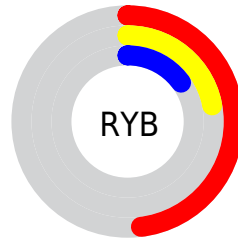
The HunterLab color **26.2623, 20.5907, 12.4034** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **35.4490, -13.0083, -9.7256**, and the grayscale version is **25.5817, -1.3650, 1.3899**.

A 20% lighter version of the original color is **44.5315, 22.8212, 16.9439**, and **11.6277, 17.9936, 7.4800** is the 20% darker color. If you saturate the color by 10%, you get **24.5008, 24.2287, 13.1987**, and if you desaturate by 10%, it is **28.3083, 16.8925, 11.3476**.

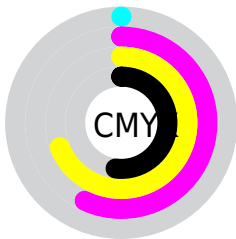
# Distribution



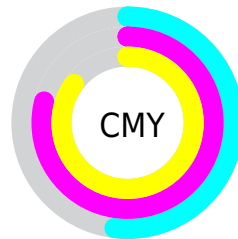
- Red (48%)
- Green (21%)
- Blue (15%)



- Red (48%)
- Yellow (22%)
- Blue (15%)



- Cyan (0%)
- Magenta (57%)
- Yellow (69%)
- Black (52%)



- Cyan (52%)
- Magenta (79%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 26.2623, 20.5907, 12.4034 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 26.2623, 20.5907, 12.4034 by changing the saturation by 10% instead.



26.2623, 20.5907,  
12.4034

26.2623, 20.5907,  
12.4034

129.1545, 27.2598,  
29.9236

18.4338, 19.2765,  
9.9523

44.4597, 22.7914,  
16.7868

11.5884, 17.8307,  
8.1119

54.6856, 23.7061,  
18.8120

4.1721, 30.4447,  
2.9205

65.5939, 24.5134,  
20.7645

0.0000, NaN, NaN

0.0000, NaN, NaN

77.1442, 25.2240,  
22.6625

0.0000, NaN, NaN

89.3026, 25.8469,  
24.5187

0.0000, NaN, NaN

0.0000, NaN, NaN

102.0401, 26.3897,

26.3430

0.0000, NaN, NaN

115.3314, 26.8588,  
28.1427

26.2623, 20.5907,  
12.4034

26.2623, 20.5907,  
12.4034

24.5008, 24.2287,  
13.1987

28.3083, 16.8925,  
11.3476

23.0537, 27.6410,  
13.6750

30.6022, 13.2575,  
10.0910

21.9341, 30.5703,  
13.9655

33.1120, 9.7525,  
8.6869

21.8490, 30.7963,  
14.0024

35.8085, 6.4096,  
7.1766

38.6669, 3.2372,  
5.5900

■ 41.6662, 0.2301,  
3.9483

■ 44.7888, -2.6242,  
2.2661

■ 48.0205, -5.3411,  
0.5532

■ 51.3491, -7.9365,  
-1.1839

# Harmonies

## Analogous

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



26.2630, 27.7328, 4.9781



26.2623, 20.5907, 12.4034



26.2630, 7.8955, 15.2931

# Triad

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



26.2630, 20.5887, 12.4038



26.2630, -20.7753, 8.4437



26.2630, 2.7455, -34.0002

# Complementary

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



26.2623, 20.5907, 12.4034



35.4490, -13.0083, -9.7256

# 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.



26.2630, -9.5640, -31.5041



26.2623, 20.5907, 12.4034



26.2630, -21.6250, -2.6956

# Square

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



26.2630, 20.5887, 12.4038



26.2630, -15.3233, 13.8910



26.2630, -17.9218, -18.3044



26.2630, 16.2012, -24.0463



# Rectangle

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



26.2623, 20.5907, 12.4034



26.2630, -1.1284, 15.7531



26.2630, -17.9218, -18.3044



26.2630, -1.6759, -34.6654

# Sweetspot

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



26.2630, 20.5887, 12.4038



50.8034, 5.3348, 8.0000



25.8799, 34.8062, -16.4814



24.2339, 3.0488, 4.1156



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703



# Same Dimension

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



26.2630, 20.5887, 12.4038



31.5843, 35.1868, 18.0961



35.3204, 1.7673, 18.7170



20.2953, 0.1061, 1.9192



22.2085, 31.3675, 14.2339



47.5637, 71.4932, 30.5602



# Inverse Universe

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



35.4490, -13.0083, -9.7256



45.5210, -17.6110, -15.9651



24.0367, 5.0340, -31.3224



20.9710, -2.2287, 0.3213



33.4048, -12.8343, -14.0476



72.1900, -27.0049, -31.9355



# Previews

## White Background



This preview shows how the HunterLab color 26.2623, 20.5907, 12.4034 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

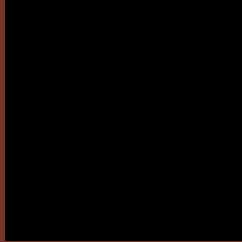
Any Text WCAG AA × Fail

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 26.2623, 20.5907, 12.4034 Background



This preview shows how black text looks on a background with the HunterLab color 26.2623, 20.5907, 12.4034.



This preview shows how white text looks on a background with the HunterLab color 26.2623, 20.5907,



# 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

26.2623, 20.5907, 12.4034

### Protanopia

26.5014, -2.6716, 10.5005

### Deuteranopia

26.3612, 1.6475, 12.8687



## Tritanopia

26.3041, 22.9262, 8.7433

# Trichromacy



## Original Color

26.2623, 20.5907, 12.4034

## Protanomaly

25.9425, 5.3312, 10.8556

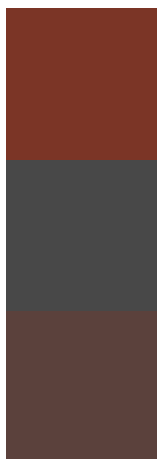
## Deuteranomaly

25.9446, 8.5758, 12.5032

## Tritanomaly

26.3713, 22.0360, 10.3488

# Monochromacy



## Original Color

26.2623, 20.5907, 12.4034

## Achromatopsia

25.4565, -1.3583, 1.3831

## Achromatomaly

25.1614, 5.7707, 5.5319

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 26.2623, 20.5907, 12.4034 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(123, 53, 38)` looks like.

```
.text, #text, p{  
    color:rgb(123, 53, 38)  
}
```

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(123, 53, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 53, 38) }
```

## Border

The CSS property to change the border of an element to HunterLab 26.2623, 20.5907, 12.4034 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(123, 53, 38) }
```



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

```
.border{ border-color:rgb(123, 53, 38) }
```

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

Here you see how a box with a 4 pixel rgb(123, 53, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 53, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 53, 38);  
box-shadow:4px 4px 4px 4px rgb(123, 53,  
38) }
```

# Background

The CSS property to change the background color of an element to HunterLab 26.2623, 20.5907, 12.4034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 53, 38) }
```

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

```
.background{ background-color: rgb(123, 53,  
38) }
```

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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