

# Converting Colors

HunterLab(44.1826, 1.3626,  
2.1536)

Have a look what the booklet for  
HunterLab(44.1826, 1.3626, 2.1536)  
contains.

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# Color

**HunterLab(44.2819, 1.1013,  
2.2156)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	82787B
RGB	130, 120, 123
RGB Percent	51%, 47%, 48%
CMY	0.4902, 0.5294, 0.5176
CMYK	0.00, 0.08, 0.05, 0.49
HSL	342°, 4%, 49%
HSV	342°, 8%, 51%
XYZ	19.4976, 19.6089, 21.4962
YIQ	123.3320, 4.9970, 3.0530

# Conversions

## Conversions Part 2

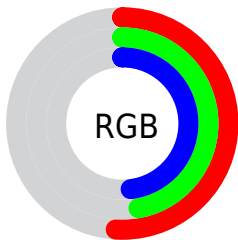
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 120, 123
Decimal	8550523
CIE Lab	51.39, 4.40, -0.26
CIE LCh	51, 4.407, 356.587
Yxy	19.6097, 0.3217, 0.3236
Android (android.graphics.Color)	4286740603 (0xFF82787B)
YUV	123.3320, -0.1637, 5.8478
Hunter-Lab	44.2819, 1.1013, 2.2156

# Details

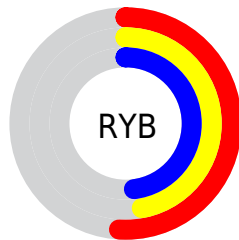
The HunterLab color  $[44.2819, 1.1013, 2.2156]$  is a dark color, and the websafe version is hex  $666666$ . A complement of this color would be  $[46.3586, -5.8137, 2.7833]$ , and the grayscale version is  $[44.6345, -2.3816, 2.4251]$ .

A 20% lighter version of the original color is  $[65.3203, 0.5137, 3.4459]$ , and  $[26.2268, 1.3825, 1.5392]$  is the 20% darker color. If you saturate the color by 10%, you get  $[40.5889, 5.9109, 1.9037]$ , and if you desaturate by 10%, it is  $[48.1567, -3.5953, 2.6888]$ .

# Distribution



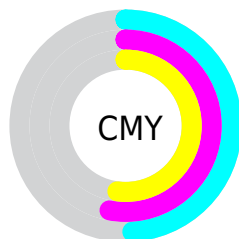
- Red (51%)
- Green (47%)
- Blue (48%)



- Red (51%)
- Yellow (47%)
- Blue (48%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (49%)



- Cyan (49%)
- Magenta (53%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 44.2819, 1.1013, 2.2156 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 44.2819, 1.1013, 2.2156 by changing the saturation by 10% instead.



■ 44.2819, 1.1013,  
2.2156

■ 44.2819, 1.1013,  
2.2156

158.0489, -3.1913,  
8.3068

■ 34.8018, 1.3475,  
1.7152

■ 65.3926, 0.4399,  
3.3386

■ 26.1147, 1.5297,  
1.2586

■ 76.9316, 0.0375,  
3.9544

■ 18.3020, 1.6351,  
0.8514

■ 89.0794, -0.4079,  
4.6040

■ 11.4756, 1.6454,  
0.5005

101.8068, -0.8933,  
5.2857

■ 3.9271, 4.6716,  
-0.0632

115.0884, -1.4163,  
5.9980

0.0000, NaN, NaN

0.0000, NaN, NaN

128.9022, -1.9748,

6.7397

0.0000, NaN, NaN

143.2282, -2.5670,  
7.5096

0.0000, NaN, NaN

■ 44.2819, 1.1013,  
2.2156

■ 44.2819, 1.1013,  
2.2156

■ 40.5889, 5.9109,  
1.9037

■ 48.1567, -3.5953,  
2.6888

■ 37.1047, 10.8277,  
1.7853

■ 52.1862, -8.1799,  
3.2931

■ 33.8676, 15.8157,  
1.9015

■ 56.3519, -12.6642,  
4.0068

■ 30.9225, 20.7959,  
2.2965

■ 60.6381, -17.0614,  
4.8121

■ 28.3219, 25.6216,  
3.0112

■ 65.0320, -21.3846,  
5.6950

■ 26.1231, 30.0591,  
4.0692

■ 69.5231, -25.6461,  
6.6442

■ 24.3793, 33.7929,  
5.4563

■ 74.1027, -29.8569,  
7.6507

■ 23.1267, 36.4887,  
7.0995

■ 78.7633, -34.0267,  
8.7071

■ 22.2974, 38.1543,  
8.8093

■ 83.4988, -38.1638,  
9.8076

# Harmonies

## Analogous

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



44.2829, 0.5254, 0.5815



44.2819, 1.1013, 2.2156



44.2829, 0.7343, 3.8417

# Triad

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



44.2829, 1.1001, 2.2163



44.2829, -3.8852, 5.2217



44.2829, -4.2325, -0.3916

# Complementary

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



44.2819, 1.1013, 2.2156



46.3586, -5.8137, 2.7833

# 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.



44.2829, -5.3818, 0.9298



44.2819, 1.1013, 2.2156



44.2829, -5.1835, 4.1645

# Square

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



44.2829, 1.1001, 2.2163



44.2829, -2.1614, 5.5361



44.2829, -5.7271, 2.6037



44.2829, -2.5686, -0.9611



# Rectangle

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



44.2819, 1.1013, 2.2156



44.2829, 0.0094, 4.7088



44.2829, -5.7271, 2.6037



44.2829, -4.6908, -0.0182

# Sweetspot

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



44.2829, 1.1001, 2.2163



61.6404, -2.0763, 3.2716



44.2240, 1.3106, -1.0407



29.3617, -1.0310, 1.5610



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207



# Same Dimension

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



44.2829, 1.1001, 2.2163



58.0073, 2.4164, 2.8637



44.7457, -0.2909, 4.0205



20.8898, 0.8413, 1.0324



21.6609, 37.7479, 8.9355

0.0000, NaN, NaN



# Inverse Universe

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



44.2829, 1.1001, 2.2163



58.0073, 2.4164, 2.8637



45.8735, -4.4213, 0.8934



20.8898, 0.8413, 1.0324



21.6609, 37.7479, 8.9355

0.0000, NaN, NaN



# Previews

## White Background



This preview shows how the HunterLab color 44.2819, 1.1013, 2.2156 looks on a white 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



# Black Background



This preview shows how the HunterLab color 44.2819, 1.1013, 2.2156 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

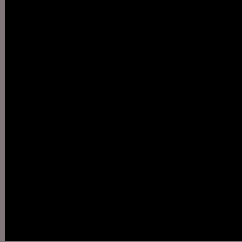
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

## HunterLab 44.2819, 1.1013, 2.2156 Background



This preview shows how black text looks on a background with the HunterLab color 44.2819, 1.1013, 2.2156.



This preview shows how white text looks on a background with the HunterLab color 44.2819, 1.1013,



# 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

44.2819, 1.1013, 2.2156

### Protanopia

44.3389, -1.4658, 1.7970

### Deuteranopia

44.3757, 2.8059, 2.3564



## Tritanopia

44.2464, 2.6609, -0.0545

# Trichromacy



## Original Color

44.2819, 1.1013, 2.2156

## Protanomaly

44.2330, -0.4129, 1.6891

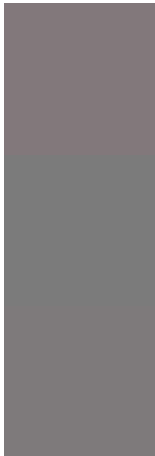
## Deuteranomaly

44.2835, 2.4955, 2.2419

## Tritanomaly

44.1874, 2.3443, 0.7841

# Monochromacy



## Original Color

44.2819, 1.1013, 2.2156

## Achromatopsia

44.5050, -2.3747, 2.4180

## Achromatomaly

44.4800, -1.0351, 2.4121

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 44.2819, 1.1013, 2.2156 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(130, 120, 123)` looks like.

```
.text, #text, p{  
    color:rgb(130, 120, 123)  
}
```

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(130, 120, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 120, 123) }
```

## Border

The CSS property to change the border of an element to HunterLab 44.2819, 1.1013, 2.2156 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(130, 120, 123) }
```



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

```
.border{ border-color:rgb(130, 120, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 120, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 120, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 120, 123);  
box-shadow:4px 4px 4px 4px rgb(130, 120,  
123) }
```

# Background

The CSS property to change the background color of an element to HunterLab 44.2819, 1.1013, 2.2156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 120, 123) }
```

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

```
.background{ background-color: rgb(130,  
120, 123) }
```

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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