

Converting Colors

HunterLab(38.8988, 2.2441,
15.9147)

Have a look what the booklet for
HunterLab(38.8988, 2.2441,
15.9147) contains.

HunterLab(38.8988, 2.2441, 15.9147)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(38.8988, 2.2441,
15.9147)**

Conversions

Conversions Part 1

Format	Color
Hex	836843
RGB	131, 104, 67
RGB Percent	51%, 41%, 26%
CMY	0.4863, 0.5921, 0.7373
CMYK	0.00, 0.21, 0.49, 0.49
HSL	35°, 32%, 39%
HSV	35°, 49%, 51%
XYZ	15.3235, 15.1312, 7.4232
YIQ	107.8550, 27.9690, -5.7830

Conversions

Conversions Part 2

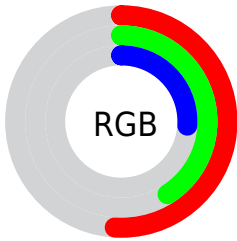
Format	Color
RYB	114, 131, 67
Decimal	8611907
CIELab	45.81, 5.69, 24.87
CIElCh	46, 25.515, 77.111
Yxy	15.1319, 0.4045, 0.3995
Android (android.graphics.Color)	4286801987 (0xFF836843)
YUV	107.8550, -20.1415, 20.2982
Hunter-Lab	38.8988, 2.2441, 15.9147

Details

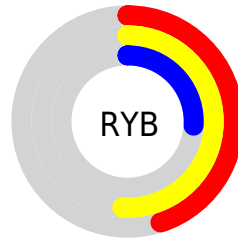
The HunterLab color $38.8988, 2.2441, 15.9147$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $32.9196, -1.1412, -18.4086$, and the grayscale version is $38.7369, -2.0669, 2.1046$.

A 20% lighter version of the original color is $59.1760, 1.6591, 19.9381$, and $21.6647, 2.6735, 11.1781$ is the 20% darker color. If you saturate the color by 10%, you get $37.3038, 3.7957, 17.5252$, and if you desaturate by 10%, it is $40.5667, 0.8940, 13.8917$.

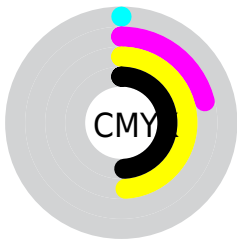
Distribution



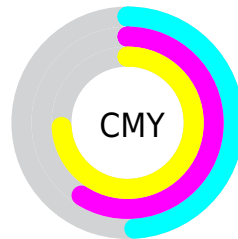
- Red (51%)
- Green (41%)
- Blue (26%)



- Red (45%)
- Yellow (51%)
- Blue (26%)



- Cyan (0%)
- Magenta (21%)
- Yellow (49%)
- Black (49%)



- Cyan (49%)
- Magenta (59%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.8988, 2.2441, 15.9147 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 38.8988, 2.2441, 15.9147 by changing the saturation by 10% instead.

■ 38.8988, 2.2441,
15.9147

■ 38.8988, 2.2441,
15.9147

149.7208, -1.3111,
33.1676

■ 29.8530, 2.3771,
13.6561

■ 59.2321, 1.7808,
20.0942

■ 21.6422, 2.4334,
11.2233

■ 70.4172, 1.4677,
22.0701

■ 14.3631, 2.3946,
9.3632

■ 82.2292, 1.1065,
23.9941

■ 8.0230, 2.6626,
5.6161

■ 94.6366, 0.7008,
25.8781

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.6119, 0.2539,
27.7312

0.0000, NaN, NaN

121.1314, -0.2319,

0.0000, NaN, NaN

29.5604

0.0000, NaN, NaN

135.1740, -0.7542,
31.3710

■ 38.8988, 2.2441,
15.9147

■ 38.8988, 2.2441,
15.9147

■ 37.3038, 3.7957,
17.5252

■ 40.5667, 0.8940,
13.8917

■ 35.7830, 5.5560,
18.7007

■ 42.3004, -0.2557,
11.4800

■ 34.3413, 7.5206,
19.4281

■ 44.0969, -1.2153,
8.7068

■ 32.9820, 9.6787,
19.7069

■ 45.9522, -1.9943,
5.5988

■ 31.7004, 11.9738,
19.6626

■ 47.8625, -2.6035,
2.1820

■ 31.5571, 12.2373,
19.6596

■ 49.8245, -3.0537,
-1.5190

■ 51.8349, -3.3554,
-5.4813

■ 53.8909, -3.5190,
-9.6842

■ 55.9896, -3.5543,
-14.1083

Harmonies

Analogous

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



38.8997, 11.6853, 13.1496



38.8988, 2.2441, 15.9147



38.8997, -7.5005, 15.7118

Triad

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



38.8997, 2.2425, 15.9152



38.8997, -18.5905, -3.5718



38.8997, 12.8113, -12.2661

Complementary

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



38.8988, 2.2441, 15.9147



32.9196, -1.1412, -18.4086

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.



38.8997, 3.6595, -19.3652



38.8988, 2.2441, 15.9147



38.8997, -14.1587, -13.5506

Square

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



38.8997, 2.2425, 15.9152



38.8997, -18.8883, 5.9295



38.8997, -6.2172, -19.8865



38.8997, 18.1835, -2.1244

Rectangle

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



38.8988, 2.2441, 15.9147



38.8997, -12.8692, 13.9293



38.8997, -6.2172, -19.8865



38.8997, 10.0358, -15.1865

Sweetspot

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



38.8997, 2.2425, 15.9152



59.8729, -2.0188, 10.2416



31.0824, 22.6788, -0.9811



28.6748, -0.8783, 5.2953



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.



38.8997, 2.2425, 15.9152



49.6067, 5.4168, 23.7273



45.9667, -11.1563, 21.2796



22.5887, -0.9718, 2.8009



31.3176, 12.1234, 19.5100



2.2014, 0.0334, 1.3571

Inverse Universe

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



32.9196, -1.1412, -18.4086



39.9410, 0.3702, -32.4635



26.4629, 12.5233, -31.5838



22.0080, -1.3351, -0.4730



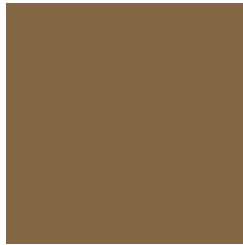
20.8135, 9.8200, -47.2136



1.7011, -0.2860, -1.5089

Previews

White Background



This preview shows how the HunterLab color 38.8988, 2.2441, 15.9147 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 38.8988, 2.2441, 15.9147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

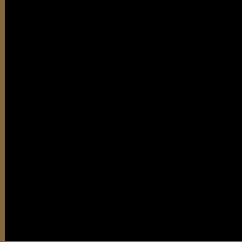
Any Text WCAG AA × Fail

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 38.8988, 2.2441, 15.9147 Background



This preview shows how black text looks on a background with the HunterLab color 38.8988, 2.2441, 15.9147.



This preview shows how white text looks on a background with the HunterLab color 38.8988, 2.2441,

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

38.8988, 2.2441, 15.9147

Protanopia

39.0109, -4.1458, 15.4088

Deuteranopia

38.8988, 2.2441, 15.9147



Tritanopia

38.9052, 10.4059, 2.9572

Trichromacy



Original Color

38.8988, 2.2441, 15.9147

Protanomaly

38.9149, -1.7307, 15.6167

Deuteranomaly

38.8988, 2.2441, 15.9147

Tritanomaly

38.9209, 7.1801, 8.6844

Monochromacy



Original Color

38.8988, 2.2441, 15.9147

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

38.7540, -1.3278, 8.0132

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.8988, 2.2441, 15.9147 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(131, 104, 67)` looks like.

```
.text, #text, p{  
    color:rgb(131, 104, 67)  
}
```

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(131, 104, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 104, 67) }
```

Border

The CSS property to change the border of an element to HunterLab 38.8988, 2.2441, 15.9147 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(131, 104, 67) }
```


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

```
.border{ border-color:rgb(131, 104, 67) }
```

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

Here you see how a box with a 4 pixel rgb(131, 104, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 104, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 104, 67);  
box-shadow:4px 4px 4px 4px rgb(131, 104,  
67) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.8988, 2.2441, 15.9147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 104, 67) }
```

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

```
.background{ background-color: rgb(131,  
104, 67) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor