

Converting Colors

HunterLab(38.2888, 15.5605,
-12.7578)

Have a look what the booklet for
HunterLab(38.2888, 15.5605,
-12.7578) contains.

HunterLab(38.2854, 15.3417, -12.7915)	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(38.2854, 15.3417,
-12.7915)**

Conversions

Conversions Part 1

Format	Color
Hex	815F89
RGB	129, 95, 137
RGB Percent	51%, 37%, 54%
CMY	0.4941, 0.6274, 0.4627
CMYK	0.06, 0.31, 0.00, 0.46
HSL	289°, 18%, 45%
HSV	289°, 31%, 54%
XYZ	17.6609, 14.6577, 25.5653
YIQ	109.9540, 6.7820, 20.2700

Conversions

Conversions Part 2

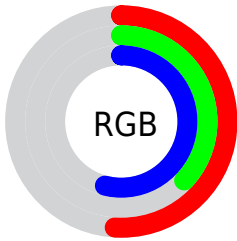
Format	Color
R _Y B	129, 95, 137
Decimal	8478601
CIE Lab	45.16, 21.69, -17.93
CIE LCh	45, 28.141, 320.415
Yxy	14.6583, 0.3051, 0.2532
Android (android.graphics.Color)	4286668681 (0xFF815F89)
YUV	109.9540, 13.3337, 16.7033
Hunter-Lab	38.2854, 15.3417, -12.7915

Details

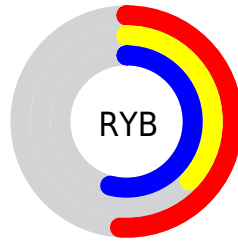
The HunterLab color $38.2854, 15.3417, -12.7915$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $46.4774, -17.5617, 14.5197$, and the grayscale version is $39.4196, -2.1033, 2.1417$.

A 20% lighter version of the original color is $58.4983, 16.2180, -13.0441$, and $21.1289, 13.7278, -12.0424$ is the 20% darker color. If you saturate the color by 10%, you get $34.9308, 21.3608, -18.2734$, and if you desaturate by 10%, it is $41.8980, 9.3607, -7.5103$.

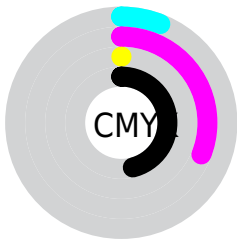
Distribution



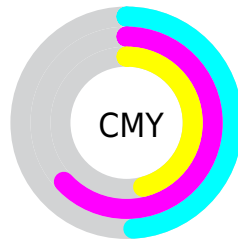
- Red (51%)
- Green (37%)
- Blue (54%)



- Red (51%)
- Yellow (37%)
- Blue (54%)



- Cyan (6%)
- Magenta (31%)
- Yellow (0%)
- Black (46%)



- Cyan (49%)
- Magenta (63%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.2854, 15.3417, -12.7915 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 38.2854, 15.3417, -12.7915 by changing the saturation by 10% instead.

■ 38.2854, 15.3417,
-12.7915

■ 38.2854, 15.3417,
-12.7915

148.7578, 18.1046,
-13.1203

■ 29.2916, 14.5864,
-12.4409

■ 58.5258, 16.5091,
-13.2800

■ 21.1382, 13.6950,
-12.0271

■ 69.6688, 16.9502,
-13.4245

■ 13.9240, 12.6459,
-11.5803

■ 81.4410, 17.3092,
-13.5073

■ 7.5600, 12.6100,
-11.9105

■ 93.8105, 17.5941,
-13.5323

0.0000, INF, -NF

0.0000, NaN, NaN

106.7496, 17.8111,
-13.5031

0.0000, NaN, NaN

120.2343, 17.9657,

0.0000, NaN, NaN

-13.4228

0.0000, NaN, NaN

134.2433, 18.0622,
-13.2943

■ 38.2854, 15.3417,
-12.7915

■ 38.2854, 15.3417,
-12.7915

■ 34.9308, 21.3608,
-18.2734

■ 41.8980, 9.3607,
-7.5103

■ 31.8770, 27.3104,
-23.8995

■ 45.7284, 3.4754,
-2.4476

■ 29.1769, 32.9964,
-29.5374

■ 49.7469, -2.2949,
2.4064

■ 26.8860, 38.1231,
-34.9573

■ 53.9286, -7.9484,
7.0714

■ 25.0544, 42.3064,
-39.8280

■ 58.2535, -13.4932,
11.5711

■ 23.7120, 45.1589,
-43.7761

■ 62.7053, -18.9415,
15.9290

■ 22.7586, 46.9108,
-46.8118

■ 67.2707, -24.3066,
20.1670

■ 71.9387, -29.6015,
24.3042

■ 76.7001, -34.8383,
28.3574

Harmonies

Analogous

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



38.2862, 5.4842, -21.4849



38.2854, 15.3417, -12.7915



38.2862, 20.7000, -1.3594

Triad

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



38.2862, 15.3407, -12.7906



38.2862, 1.4807, 16.9113



38.2862, -19.6541, -5.4804

Complementary

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



38.2854, 15.3417, -12.7915



46.4774, -17.5617, 14.5197

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.



38.2862, -20.4722, 5.2347



38.2854, 15.3417, -12.7915



38.2862, -9.0337, 16.3772

Square

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



38.2862, 15.3407, -12.7906



38.2862, 12.1319, 14.4123



38.2862, -16.7930, 12.6704



38.2862, -14.4186, -16.5168

Rectangle

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



38.2854, 15.3417, -12.7915



38.2862, 20.6361, 5.4912



38.2862, -16.7930, 12.6704



38.2862, -20.4304, -1.6683

Sweetspot

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



38.2862, 15.3407, -12.7906



61.9626, 3.5163, -2.3125



37.4433, 1.8131, -14.3719



29.0252, 2.1377, -1.4960



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



38.2862, 15.3407, -12.7906



47.9811, 26.2997, -22.3465



38.6895, 15.6742, -5.3117



22.5426, 1.2674, -0.8313



21.9762, 45.2903, -45.1429



1.9447, 3.9050, -3.1984

Inverse Universe

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



38.0561, 12.4704, 3.6756



47.6391, 21.6334, 5.5721



46.2589, -17.8589, 10.1498



22.5015, 0.8362, 1.3818



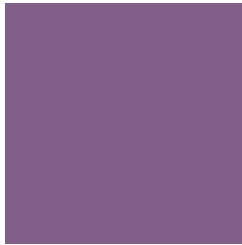
22.4173, 38.7083, 12.0200



1.8719, 3.3194, 0.3280

Previews

White Background



This preview shows how the HunterLab color 38.2854, 15.3417, -12.7915 looks on a white background.

Color Contrast Check

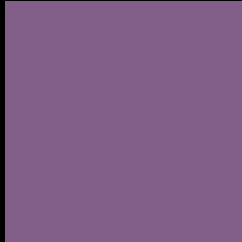
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.2854, 15.3417, -12.7915 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 38.2854, 15.3417, -12.7915 Background



This preview shows how black text looks on a background with the HunterLab color 38.2854, 15.3417, -12.7915.



This preview shows how white text looks on a background with the HunterLab color 38.2854, 15.3417, -12.7915.

-12.7915.

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

38.2854, 15.3417, -12.7915

Protanopia

38.5217, 2.5046, -17.4497

Deuteranopia

38.3875, 2.6562, -11.7022



Tritanopia

38.4058, 6.3073, 1.8738

Trichromacy



Original Color

38.2854, 15.3417, -12.7915

Protanomaly

38.2673, 6.8170, -15.9506

Deuteranomaly

38.1178, 7.1878, -12.6163

Tritanomaly

38.3291, 9.2798, -3.2164

Monochromacy



Original Color

38.2854, 15.3417, -12.7915

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

39.0399, 3.8205, -2.8632

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.2854, 15.3417, -12.7915 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(129, 95, 137)` looks like.

```
.text, #text, p{  
    color:rgb(129, 95, 137)  
}
```

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(129, 95, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 95, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 38.2854, 15.3417, -12.7915 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(129, 95, 137) }
```


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

```
.border{ border-color:rgb(129, 95, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 95, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 95, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 95, 137); box-shadow:4px 4px 4px 4px rgb(129, 95, 137) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.2854, 15.3417, -12.7915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 95, 137) }
```

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

```
.background{ background-color: rgb(129, 95,  
137) }
```

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