

Converting Colors

HunterLab(38.4916, 27.3055,
-12.8407)

Have a look what the booklet for
HunterLab(38.4916, 27.3055,
-12.8407) contains.

HunterLab(38.4916, 27.3055, -12.8407)	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(38.4916, 27.3055,
-12.8407)**

Conversions

Conversions Part 1

Format	Color
Hex	96558A
RGB	150, 85, 138
RGB Percent	59%, 33%, 54%
CMY	0.4118, 0.6667, 0.4588
CMYK	0.00, 0.43, 0.08, 0.41
HSL	311°, 28%, 46%
HSV	311°, 43%, 59%
XYZ	20.4137, 14.8160, 25.8287
YIQ	110.4770, 21.7270, 30.2630

Conversions

Conversions Part 2

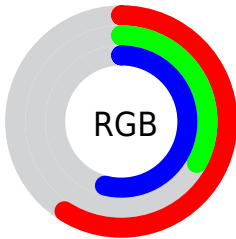
Format	Color
R_{YB}	150, 85, 138
Decimal	9852298
CIE _{Lab}	45.38, 34.86, -17.98
CIE _{LCh}	45, 39.218, 332.719
Yxy	14.8167, 0.3343, 0.2427
Android (android.graphics.Color)	4288042378 (0xFF96558A)
YUV	110.4770, 13.5688, 34.6617
Hunter-Lab	38.4916, 27.3055, -12.8407

Details

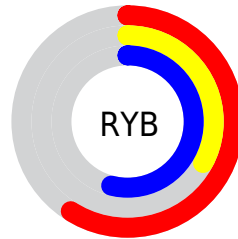
The HunterLab color $[38.4916, 27.3055, -12.8407]$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $[49.6060, -26.3187, 16.5880]$, and the grayscale version is $[39.6146, -2.1137, 2.1523]$.

A 20% lighter version of the original color is $[58.6457, 29.7570, -13.7588]$, and $[21.2314, 24.4045, -12.2725]$ is the 20% darker color. If you saturate the color by 10%, you get $[35.5256, 34.0889, -15.9099]$, and if you desaturate by 10%, it is $[41.8515, 20.2762, -9.4287]$.

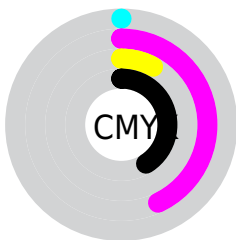
Distribution



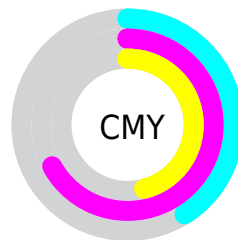
- Red (59%)
- Green (33%)
- Blue (54%)



- Red (59%)
- Yellow (33%)
- Blue (54%)



- Cyan (0%)
- Magenta (43%)
- Yellow (8%)
- Black (41%)



- Cyan (41%)
- Magenta (67%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.4916, 27.3055, -12.8407 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 38.4916, 27.3055, -12.8407 by changing the saturation by 10% instead.

38.4916, 27.3055,
-12.8407

38.4916, 27.3055,
-12.8407

149.0819, 34.7742,
-13.1713

29.4802, 25.9513,
-12.4902

58.7634, 29.6314,
-13.3290

21.3075, 24.4652,
-12.0764

69.9206, 30.6267,
-13.4736

14.0714, 22.8673,
-11.6290

81.7062, 31.5227,
-13.5567

7.7190, 22.5263,
-11.8399

94.0884, 32.3280,
-13.5819

0.0000, INF, -NF

0.0000, NaN, NaN

107.0398, 33.0498,
-13.5530

0.0000, NaN, NaN

120.5362, 33.6946,

0.0000, NaN, NaN

-13.4730

0.0000, NaN, NaN

134.5565, 34.2678,
-13.3450

■ 38.4916, 27.3055,
-12.8407

■ 38.4916, 27.3055,
-12.8407

■ 35.5256, 34.0889,
-15.9099

■ 41.8515, 20.2762,
-9.4287

■ 33.0083, 40.3359,
-18.4636

■ 45.5478, 13.2017,
-5.8091

■ 30.9926, 45.6628,
-20.2980

■ 49.5332, 6.1949,
-2.0711

■ 29.5124, 49.6702,
-21.2299

■ 53.7667, -0.6867,
1.7279

■ 28.5664, 52.0748,
-21.1691

■ 58.2144, -7.4213,
5.5535

■ 28.1014, 53.1516,
-20.8116

■ 62.8486, -14.0077,
9.3861

■ 67.6465, -20.4556,
13.2156

■ 72.5896, -26.7793,
17.0377

■ 77.6625, -32.9949,
20.8512

Harmonies

Analogous

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



38.4925, 14.9322, -29.1464



38.4916, 27.3055, -12.8407



38.4925, 31.4589, 3.3827

Triad

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



38.4925, 27.3040, -12.8396



38.4925, -3.4238, 20.7357



38.4925, -23.5684, -16.0274

Complementary

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



38.4916, 27.3055, -12.8407



49.6060, -26.3187, 16.5880

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.



38.4925, -26.9808, 0.7617



38.4916, 27.3055, -12.8407



38.4925, -16.5288, 18.8443

Square

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



38.4925, 27.3040, -12.8396



38.4925, 12.1799, 19.4492



38.4925, -24.6153, 12.7286



38.4925, -14.4830, -31.4316

Rectangle

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



38.4916, 27.3055, -12.8407



38.4925, 28.5609, 11.3103



38.4925, -24.6153, 12.7286



38.4925, -25.3476, -10.1738

Sweetspot

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



38.4925, 27.3040, -12.8396



65.8430, 8.1603, -2.7137



33.5211, 14.1583, -30.1327



30.4772, 4.7244, -1.7556



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



38.4925, 27.3040, -12.8396



47.3060, 45.0172, -21.0193



37.4349, 22.2570, 2.0387



24.2714, 1.5765, -0.2384



25.6003, 48.4349, -19.0671



2.8991, 5.5934, -3.0000

Inverse Universe

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



38.4925, 27.3040, -12.8396



47.3060, 45.0172, -21.0193



50.3394, -21.9856, 6.0002



24.2714, 1.5765, -0.2384



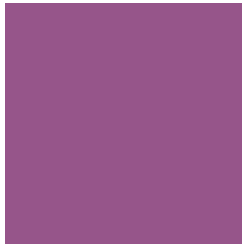
25.6003, 48.4349, -19.0671



2.8991, 5.5934, -3.0000

Previews

White Background



This preview shows how the HunterLab color 38.4916, 27.3055, -12.8407 looks on a white background.

Color Contrast Check

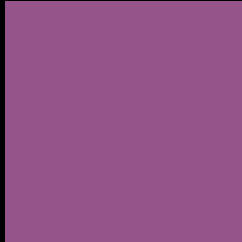
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.4916, 27.3055, -12.8407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

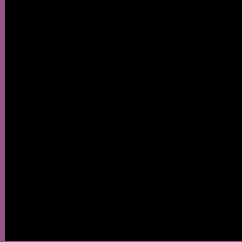
Any Text WCAG AA × Fail

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 38.4916, 27.3055, -12.8407 Background



This preview shows how black text looks on a background with the HunterLab color 38.4916, 27.3055, -12.8407.



This preview shows how white text looks on a background with the HunterLab color 38.4916, 27.3055, -12.8407.

-12.8407.

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

38.4916, 27.3055, -12.8407

Protanopia

38.6889, 3.8116, -22.9441

Deuteranopia

38.7718, 2.5091, -10.5551



Tritanopia

38.5484, 16.2080, 5.4933

Trichromacy



Original Color

38.4916, 27.3055, -12.8407

Protanomaly

38.0143, 11.6679, -20.0689

Deuteranomaly

38.1439, 11.0520, -11.9313

Tritanomaly

38.3800, 19.9271, -0.5943

Monochromacy



Original Color

38.4916, 27.3055, -12.8407

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

38.7600, 8.1627, -3.1545

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.4916, 27.3055, -12.8407 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(150, 85, 138)` looks like.

```
.text, #text, p{  
    color:rgb(150, 85, 138)  
}
```

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(150, 85, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 85, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 38.4916, 27.3055, -12.8407 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(150, 85, 138) }
```


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

```
.border{ border-color:rgb(150, 85, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 85, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 85, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 85, 138); box-shadow:4px 4px 4px 4px rgb(150, 85, 138) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.4916, 27.3055, -12.8407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 85, 138) }
```

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

```
.background{ background-color: rgb(150, 85,  
138) }
```

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