

Converting Colors

HunterLab(29.4236, 38.1290,
-12.6927)

Have a look what the booklet for
HunterLab(29.4236, 38.1290,
-12.6927) contains.

HunterLab(29.4015, 38.0007, -12.7220)	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(29.4015, 38.0007,
-12.7220)**

Conversions

Conversions Part 1

Format	Color
Hex	8C2D71
RGB	140, 45, 113
RGB Percent	55%, 18%, 44%
CMY	0.4510, 0.8235, 0.5569
CMYK	0.00, 0.68, 0.19, 0.45
HSL	317°, 51%, 36%
HSV	317°, 68%, 55%
XYZ	14.7342, 8.6445, 16.5148
YIQ	81.1570, 34.7920, 41.2880

Conversions

Conversions Part 2

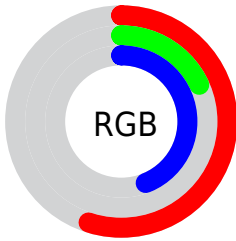
Format	Color
R_{YB}	140, 45, 113
Decimal	9186673
CIE _{Lab}	35.29, 47.51, -18.23
CIE _{LCh}	35, 50.890, 339.013
Yxy	8.6449, 0.3693, 0.2167
Android (android.graphics.Color)	4287376753 (0xFF8C2D71)
YUV	81.1570, 15.6986, 51.6053
Hunter-Lab	29.4015, 38.0007, -12.7220

Details

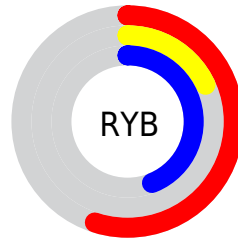
The HunterLab color **29.4015, 38.0007, -12.7220** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **44.4772, -31.1589, 18.6872**, and the grayscale version is **28.6789, -1.5302, 1.5582**.

A 20% lighter version of the original color is **48.1536, 41.4841, -13.4315**, and **15.3626, 28.7931, -9.3304** is the 20% darker color. If you saturate the color by 10%, you get **27.6773, 42.2867, -13.2111**, and if you desaturate by 10%, it is **31.6035, 32.7433, -11.5143**.

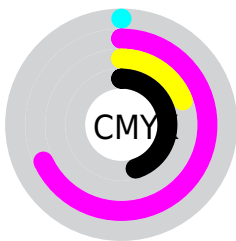
Distribution



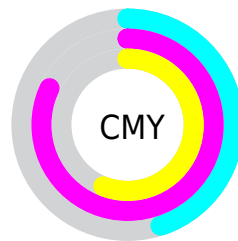
- Red (55%)
- Green (18%)
- Blue (44%)



- Red (55%)
- Yellow (18%)
- Blue (44%)



- Cyan (0%)
- Magenta (68%)
- Yellow (19%)
- Black (45%)















- Cyan (45%)
- Magenta (82%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.4015, 38.0007, -12.7220 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 29.4015, 38.0007, -12.7220 by changing the saturation by 10% instead.

 29.4015, 38.0007, -12.7220	 29.4015, 38.0007, -12.7220
 134.4271, 50.4731, -13.6556	 21.2375, 36.1120, -12.3003
 48.1803, 41.5092, -13.3672	 14.0104, 34.2612, -11.8500
 58.6652, 43.0949, -13.5866	 7.6537, 34.5275, -12.1227
 69.8165, 44.5684, -13.7404	0.0000, INF, -NF
 81.5966, 45.9357, -13.8325	0.0000, NaN, NaN
 93.9736, 47.2035, -13.8667	0.0000, NaN, NaN
 106.9198, 48.3783,	0.0000, NaN, NaN

-13.8466

0.0000, NaN, NaN

120.4114, 49.4663,
-13.7752

■ 29.4015, 38.0007,
-12.7220

■ 29.4015, 38.0007,
-12.7220

■ 27.6773, 42.2867,
-13.2111

■ 31.6035, 32.7433,
-11.5143

■ 26.4525, 45.2629,
-12.8882

■ 34.2355, 26.8824,
-9.7379

■ 25.6545, 46.9478,
-11.8612

■ 37.2449, 20.7126,
-7.5402

■ 25.4944, 47.2847,
-11.6249

■ 40.5791, 14.4397,
-5.0456

■ 44.1914, 8.1886,
-2.3476

■ 48.0416, 2.0258,
0.4881

■ 52.0968, -4.0196,
3.4174

■ 56.3298, -9.9410,
6.4111

■ 60.7185, -15.7436,
9.4504

Harmonies

Analogous

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



29.4022, 23.4078, -36.9425



29.4015, 38.0007, -12.7220



29.4022, 40.7722, 6.2850

Triad

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



29.4022, 37.9989, -12.7210



29.4022, -6.7746, 19.0892



29.4022, -23.8343, -27.4020

Complementary

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



29.4015, 38.0007, -12.7220



44.4772, -31.1589, 18.6872

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.



29.4022, -28.4438, -4.0097



29.4015, 38.0007, -12.7220



29.4022, -20.2645, 17.3740

Square

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



29.4022, 37.9989, -12.7210



29.4022, 11.8122, 18.7018



29.4022, -27.3155, 11.0840



29.4022, -12.9187, -48.3766

Rectangle

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



29.4015, 38.0007, -12.7220



29.4022, 35.0249, 13.4704



29.4022, -27.3155, 11.0840



29.4022, -26.0377, -19.1411

Sweetspot

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



29.4022, 37.9989, -12.7210



57.4132, 12.9956, -4.0575



22.6832, 25.9244, -50.4207



26.9830, 7.2267, -2.3782



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



29.4022, 37.9989, -12.7210



35.8771, 58.3064, -17.4716



28.0021, 32.1131, 7.0381



22.5946, 1.3368, 0.0558



24.0389, 44.5975, -11.0574



2.0226, 3.8593, -1.7589

Inverse Universe

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



29.4022, 37.9989, -12.7210



35.8771, 58.3064, -17.4716



45.4492, -25.2761, 4.6232



22.5946, 1.3368, 0.0558



24.0389, 44.5975, -11.0574



2.0226, 3.8593, -1.7589

Previews

White Background



This preview shows how the HunterLab color 29.4015, 38.0007, -12.7220 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



This preview shows how the HunterLab color 29.4015, 38.0007, -12.7220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

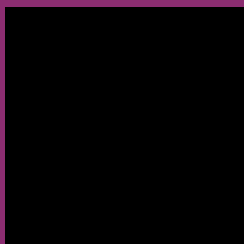
Any Text WCAG AA × Fail

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 29.4015, 38.0007, -12.7220 Background



This preview shows how black text looks on a background with the HunterLab color 29.4015, 38.0007, -12.7220.



This preview shows how white text looks on a background with the HunterLab color 29.4015, 38.0007,

-12.7220.

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

29.4015, 38.0007, -12.7220

Protanopia

29.8618, 5.8442, -33.0928

Deuteranopia

29.6675, 2.1082, -9.4809



Tritanopia

29.3900, 24.1999, 9.0468

Trichromacy



Original Color

29.4015, 38.0007, -12.7220

Protanomaly

28.2788, 15.6377, -28.0699

Deuteranomaly

28.6097, 14.6200, -12.0980

Tritanomaly

29.2417, 28.9208, 2.7410

Monochromacy



Original Color

29.4015, 38.0007, -12.7220

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

27.8376, 12.3435, -4.6871

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.4015, 38.0007, -12.7220 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(140, 45, 113)` looks like.

```
.text, #text, p{  
    color:rgb(140, 45, 113)  
}
```

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(140, 45, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 45, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 29.4015, 38.0007, -12.7220 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(140, 45, 113) }
```


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

```
.border{ border-color:rgb(140, 45, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 45, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 45, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 45, 113);  
box-shadow:4px 4px 4px 4px rgb(140, 45,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.4015, 38.0007, -12.7220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 45, 113) }
```

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

```
.background{ background-color: rgb(140, 45,  
113) }
```

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