

Converting Colors

HunterLab(33.3019, 36.8182,
-12.3520)

Have a look what the booklet for
HunterLab(33.3019, 36.8182,
-12.3520) contains.

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Color

**HunterLab(33.2295, 37.0181,
-12.3110)**

Conversions

Conversions Part 1

Format	Color
Hex	963B7B
RGB	150, 59, 123
RGB Percent	59%, 23%, 48%
CMY	0.4118, 0.7686, 0.5176
CMYK	0.00, 0.61, 0.18, 0.41
HSL	318°, 44%, 41%
HSV	318°, 61%, 59%
XYZ	17.7168, 11.0420, 19.9364
YIQ	93.5050, 33.6920, 39.1960

Conversions

Conversions Part 2

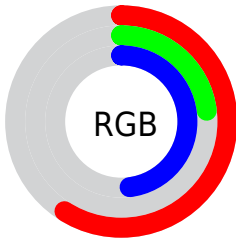
Format	Color
R_{YB}	150, 59, 123
Decimal	9845627
CIE _{Lab}	39.65, 45.74, -17.62
CIE _{LCh}	40, 49.016, 338.935
Yxy	11.0425, 0.3638, 0.2268
Android (android.graphics.Color)	4288035707 (0xFF963B7B)
YUV	93.5050, 14.5410, 49.5461
Hunter-Lab	33.2295, 37.0181, -12.3110

Details

The HunterLab color **33.2295, 37.0181, -12.3110** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **48.3888, -31.5967, 18.4750**, and the grayscale version is **33.2122, -1.7721, 1.8045**.

A 20% lighter version of the original color is **52.5598, 40.3831, -13.2398**, and **17.2662, 32.4322, -11.0395** is the 20% darker color. If you saturate the color by 10%, you get **30.9950, 42.4027, -13.2732**, and if you desaturate by 10%, it is **35.9532, 30.8521, -10.6719**.

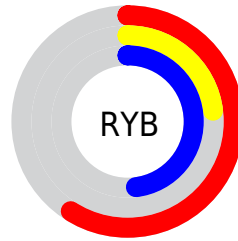
Distribution



Red (59%)

Green (23%)

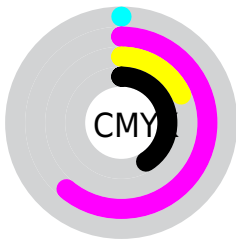
Blue (48%)



Red (59%)

Yellow (23%)

Blue (48%)

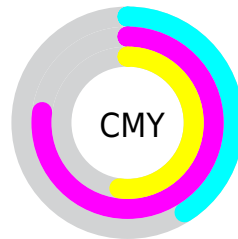


Cyan (0%)

Magenta (61%)

Yellow (18%)

Black (41%)



Cyan (41%)












Magenta (77%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.2295, 37.0181, -12.3110 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 33.2295, 37.0181, -12.3110 by changing the saturation by 10% instead.

 33.2295, 37.0181, -12.3110	 33.2295, 37.0181, -12.3110
140.6980, 48.5530, -12.8301	 24.6890, 35.2070, -11.9325
 52.6676, 40.3098, -12.8548	 17.0388, 33.3486, -11.4999
 63.4482, 41.7827, -13.0240	 10.3991, 31.6471, -11.0763
 74.8780, 43.1459, -13.1294	0.0000, INF, -NF
	0.0000, INF, NaN
 86.9220, 44.4063, -13.1751	0.0000, NaN, NaN
	0.0000, NaN, NaN
 99.5504, 45.5709, -13.1647	0.0000, NaN, NaN
	0.0000, NaN, NaN
 112.7372, 46.6464,	

-13.1018

0.0000, NaN, NaN

126.4598, 47.6386,
-12.9894

■ 33.2295, 37.0181,
-12.3110

■ 33.2295, 37.0181,
-12.3110

■ 30.9950, 42.4027,
-13.2732

■ 35.9532, 30.8521,
-10.6719

■ 29.2919, 46.6067,
-13.4171

■ 39.1061, 24.2634,
-8.5217

■ 28.1361, 49.2879,
-12.6743

■ 42.6301, 17.5052,
-6.0034

■ 27.4119, 50.7014,
-11.4158

■ 46.4716, 10.7381,
-3.2288

■ 50.5844, 4.0507,
-0.2782

■ 54.9300, -2.5156,
2.7934

■ 59.4769, -8.9482,
5.9491

■ 64.1995, -15.2502,
9.1650

■ 69.0769, -21.4323,
12.4255

Harmonies

Analogous

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



33.2303, 22.8526, -35.2716



33.2295, 37.0181, -12.3110



33.2303, 39.7211, 6.5207

Triad

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



33.2303, 37.0162, -12.3099



33.2303, -6.9741, 20.6536



33.2303, -24.6112, -26.1945

Complementary

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



33.2295, 37.0181, -12.3110



48.3888, -31.5967, 18.4750

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.



33.2303, -29.4878, -3.7133



33.2295, 37.0181, -12.3110



33.2303, -20.8243, 18.5660

Square

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



33.2303, 37.0162, -12.3099



33.2303, 11.5814, 20.1871



33.2303, -28.2668, 11.5884



33.2303, -13.3066, -45.8190

Rectangle

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



33.2295, 37.0181, -12.3110



33.2303, 34.2022, 14.1076



33.2303, -28.2668, 11.5884



33.2303, -26.9344, -18.3525

Sweetspot

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



33.2303, 37.0162, -12.3099



62.9666, 12.2015, -3.4018



26.9291, 24.4372, -46.5075



28.9748, 6.8635, -2.0823



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.



33.2303, 37.0162, -12.3099



40.2359, 58.6508, -17.8408



31.8950, 31.1703, 6.5476



24.2490, 1.4566, 0.0793



24.9757, 46.2153, -10.5565



2.8555, 5.4407, -2.4223

Inverse Universe

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



33.2303, 37.0162, -12.3099



40.2359, 58.6508, -17.8408



49.3580, -25.7697, 4.4738



24.2490, 1.4566, 0.0793



24.9757, 46.2153, -10.5565



2.8555, 5.4407, -2.4223

Previews

White Background



This preview shows how the HunterLab color 33.2295, 37.0181, -12.3110 looks on a white background.

Color Contrast Check

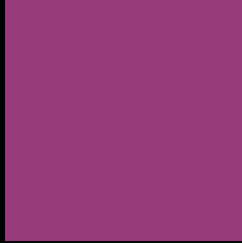
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.2295, 37.0181, -12.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

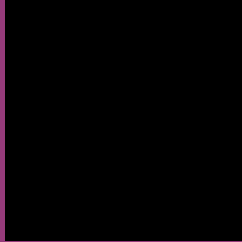
Any Text WCAG AA × Fail

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 33.2295, 37.0181, -12.3110 Background



This preview shows how black text looks on a background with the HunterLab color 33.2295, 37.0181, -12.3110.



This preview shows how white text looks on a background with the HunterLab color 33.2295, 37.0181, -12.3110.

-12.3110.

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

33.2295, 37.0181, -12.3110

Protanopia

33.5271, 5.2140, -29.5323

Deuteranopia

33.4461, 2.3720, -9.7324



Tritanopia

33.2386, 23.6475, 8.6989

Trichromacy



Original Color

33.2295, 37.0181, -12.3110

Protanomaly

32.2451, 15.3645, -25.4823

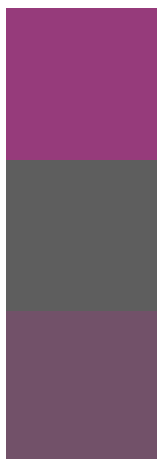
Deuteranomaly

32.4625, 14.3483, -12.1997

Tritanomaly

33.1778, 28.1042, 2.4296

Monochromacy



Original Color

33.2295, 37.0181, -12.3110

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

32.3762, 11.8812, -4.3163

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.2295, 37.0181, -12.3110 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, 59, 123)` looks like.

```
.text, #text, p{  
    color:rgb(150, 59, 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(150, 59, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 59, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 33.2295, 37.0181, -12.3110 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, 59, 123) }
```


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

```
.border{ border-color:rgb(150, 59, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 59, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 59, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 59, 123);  
box-shadow:4px 4px 4px 4px rgb(150, 59,  
123) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.2295, 37.0181, -12.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 59, 123) }
```

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

```
.background{ background-color: rgb(150, 59,  
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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