

Converting Colors

HunterLab(33.8905, 48.1335,
-4.2989)

Have a look what the booklet for
HunterLab(33.8905, 48.1335,
-4.2989) contains.

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Color

**HunterLab(33.9286, 48.3343,
-4.0260)**

Conversions

Conversions Part 1

Format	Color
Hex	AB2B6E
RGB	171, 43, 110
RGB Percent	67%, 17%, 43%
CMY	0.3294, 0.8313, 0.5686
CMYK	0.00, 0.75, 0.36, 0.33
HSL	329°, 60%, 42%
HSV	329°, 75%, 67%
XYZ	20.4730, 11.5115, 15.8948
YIQ	88.9100, 54.7810, 47.9730

Conversions

Conversions Part 2

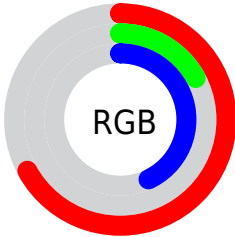
Format	Color
R_{YB}	171, 43, 110
Decimal	11217774
CIE Lab	40.43, 56.49, -8.02
CIE LCh	40, 57.056, 351.924
Yxy	11.5121, 0.4276, 0.2404
Android (android.graphics.Color)	4289407854 (0xFFAB2B6E)
YUV	88.9100, 10.3974, 71.9929
Hunter-Lab	33.9286, 48.3343, -4.0260

Details

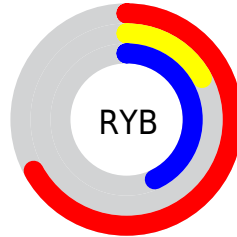
The HunterLab color **33.9286, 48.3343, -4.0260** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **55.3528, -38.6323, 19.4012**, and the grayscale version is **31.5240, -1.6820, 1.7128**.

A 20% lighter version of the original color is **53.4284, 52.5381, -4.0904**, and **19.8121, 35.6843, -0.8057** is the 20% darker color. If you saturate the color by 10%, you get **32.1699, 52.1949, -2.3593**, and if you desaturate by 10%, it is **36.3492, 42.9272, -4.8834**.

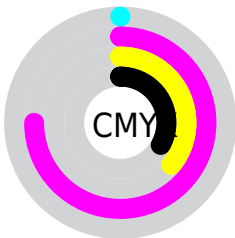
Distribution



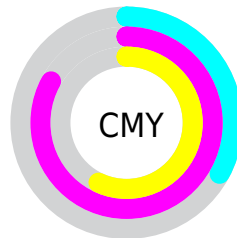
- Red (67%)
- Green (17%)
- Blue (43%)



- Red (67%)
- Yellow (17%)
- Blue (43%)



- Cyan (0%)
- Magenta (75%)
- Yellow (36%)
- Black (33%)



- Cyan (33%)
- Magenta (83%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.9286, 48.3343, -4.0260 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 33.9286, 48.3343, -4.0260 by changing the saturation by 10% instead.

33.9286, 48.3343,
-4.0260

33.9286, 48.3343,
-4.0260

141.8267, 62.9882,
-1.2804

25.3227, 46.2636,
-4.0402

53.4821, 52.2820,
-3.7801

17.5995, 44.2691,
-3.9704

64.3146, 54.1089,
-3.5658

10.8757, 42.7284,
-3.8028

75.7933, 55.8302,
-3.2978

2.1817, 124.5453,
-15.1100

87.8838, 57.4485,
-2.9804

0.0000, INF, NaN

0.0000, NaN, NaN

100.5565, 58.9683,
-2.6172

0.0000, NaN, NaN

113.7858, 60.3948,

0.0000, NaN, NaN

-2.2111

0.0000, NaN, NaN

127.5492, 61.7331,
-1.7648

■ 33.9286, 48.3343,
-4.0260

■ 33.9286, 48.3343,
-4.0260

■ 32.1699, 52.1949,
-2.3593

■ 36.3492, 42.9272,
-4.8834

■ 31.0676, 54.2064,
0.0171

■ 39.3815, 36.4576,
-4.9651

■ 30.6394, 54.8525,
1.3362

■ 42.9560, 29.3746,
-4.3744

■ 46.9971, 22.0184,
-3.2386

■ 51.4350, 14.6072,
-1.6767

■ 56.2094, 7.2629,
0.2131

■ 61.2706, 0.0436,
2.3552

■ 66.5779, -7.0309,
4.6931

■ 72.0988, -13.9620,
7.1854

Harmonies

Analogous

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



33.9295, 36.3275, -31.5490



33.9286, 48.3343, -4.0260



33.9295, 44.5384, 13.3147

Triad

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



33.9295, 48.3315, -4.0249



33.9295, -15.6515, 21.6741



33.9295, -23.3548, -44.6468

Complementary

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



33.9286, 48.3343, -4.0260



55.3528, -38.6323, 19.4012

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.



33.9295, -31.8074, -15.9220



33.9286, 48.3343, -4.0260



33.9295, -28.1750, 18.0532

Square

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



33.9295, 48.3315, -4.0249



33.9295, 4.0683, 22.1360



33.9295, -33.3261, 6.8267



33.9295, -7.3176, -62.7465

Rectangle

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



33.9286, 48.3343, -4.0260



33.9295, 33.8944, 18.8234



33.9295, -33.3261, 6.8267



33.9295, -26.9981, -35.3066

Sweetspot

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



33.9295, 48.3315, -4.0249



70.3662, 17.1181, -1.6581



27.4531, 41.5440, -65.5648



32.4594, 9.3050, -1.0770



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



33.9295, 48.3315, -4.0249



41.9656, 71.9418, -1.1004



32.5481, 42.7296, 15.8520



28.4302, 1.5664, 0.6612



26.6226, 47.6986, 0.8734



4.5623, 8.3955, -1.5671

Inverse Universe

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



33.9295, 48.3315, -4.0249



41.9656, 71.9418, -1.1004



56.9384, -29.0741, -3.3587



28.4302, 1.5664, 0.6612



26.6226, 47.6986, 0.8734



4.5623, 8.3955, -1.5671

Previews

White Background



This preview shows how the HunterLab color 33.9286, 48.3343, -4.0260 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 33.9286, 48.3343, -4.0260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

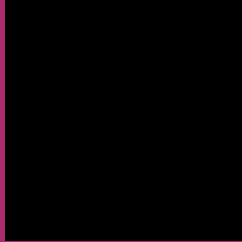
Any Text WCAG AA × Fail

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 33.9286, 48.3343, -4.0260 Background



This preview shows how black text looks on a background with the HunterLab color 33.9286, 48.3343, -4.0260.



This preview shows how white text looks on a background with the HunterLab color 33.9286, 48.3343,

-4.0260.

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

33.9286, 48.3343, -4.0260

Protanopia

34.4834, 3.9839, -24.7406

Deuteranopia

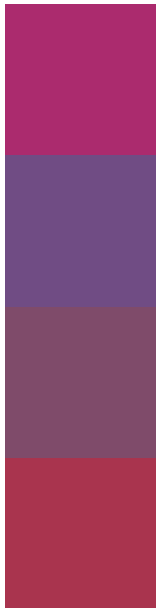
34.3649, 1.8308, -0.9315



Tritanopia

34.0255, 37.1257, 14.1671

Trichromacy



Original Color

33.9286, 48.3343, -4.0260

Protanomaly

32.0618, 18.6695, -20.2854

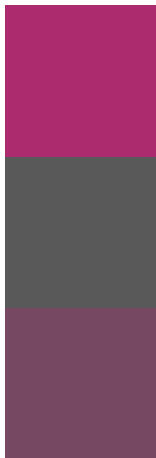
Deuteranomaly

32.5343, 19.1630, -4.4665

Tritanomaly

33.8246, 40.8911, 8.9243

Monochromacy



Original Color

33.9286, 48.3343, -4.0260

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

30.6916, 16.5623, -2.6453

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.9286, 48.3343, -4.0260 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(171, 43, 110)` looks like.

```
.text, #text, p{  
    color:rgb(171, 43, 110)  
}
```

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(171, 43, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 43, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 33.9286, 48.3343, -4.0260 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(171, 43, 110) }
```


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

```
.border{ border-color:rgb(171, 43, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 43, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 43, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 43, 110);  
box-shadow:4px 4px 4px 4px rgb(171, 43,  
110) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.9286, 48.3343, -4.0260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 43, 110) }
```

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

```
.background{ background-color: rgb(171, 43,  
110) }
```

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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