

Converting Colors

HunterLab(33.1302, 61.1186,
-12.5619)

Have a look what the booklet for
HunterLab(33.1302, 61.1186,
-12.5619) contains.

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Color

**HunterLab(33.2249, 61.2785,
-12.4825)**

Conversions

Conversions Part 1

Format	Color
Hex	B3007C
RGB	179, 0, 124
RGB Percent	70%, 0%, 49%
CMY	0.2980, 0.9999, 0.5137
CMYK	0.00, 1.00, 0.31, 0.30
HSL	318°, 100%, 35%
HSV	318°, 100%, 70%
XYZ	22.2285, 11.0389, 20.0279
YIQ	67.6570, 66.8800, 76.5120

Conversions

Conversions Part 2

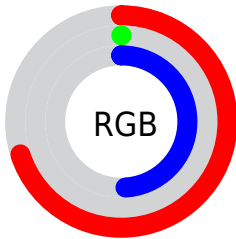
Format	Color
RYB	179, 0, 124
Decimal	11731068
CIELab	39.65, 68.20, -17.80
CIElCh	40, 70.483, 345.372
Yxy	11.0396, 0.4171, 0.2071
Android (android.graphics.Color)	4289921148 (0xFFB3007C)
YUV	67.6570, 27.7771, 97.6478
Hunter-Lab	33.2249, 61.2785, -12.4825

Details

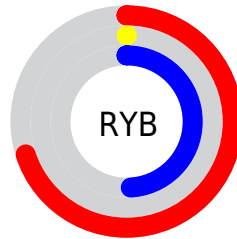
The HunterLab color **33.2249, 61.2785, -12.4825** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **57.0233, -47.1682, 30.5501**, and the grayscale version is **23.8164, -1.2708, 1.2940**.

A 20% lighter version of the original color is **52.6418, 65.9773, -13.2554**, and **21.3845, 38.9970, -4.5962** is the 20% darker color. If you saturate the color by 10%, you get **33.2246, 61.2774, -12.4782**, and if you desaturate by 10%, it is **34.0768, 59.8030, -14.3952**.

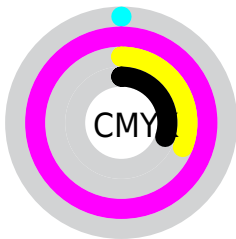
Distribution



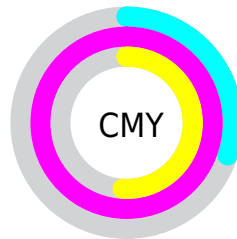
- Red (70%)
- Green (0%)
- Blue (49%)



- Red (70%)
- Yellow (0%)
- Blue (49%)



- Cyan (0%)
- Magenta (100%)
- Yellow (31%)
- Black (30%)



- Cyan (30%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.2249, 61.2785, -12.4825 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 33.2249, 61.2785, -12.4825 by changing the saturation by 10% instead.

33.2249, 61.2785,
-12.4825

33.2249, 61.2785,
-12.4825

140.6907, 79.0317,
-13.0567

24.6849, 59.0692,
-12.0983

52.6624, 65.7921,
-13.0384

17.0352, 57.1828,
-11.6619

63.4426, 67.9622,
-13.2140

10.3960, 56.3666,
-11.2388

74.8721, 70.0425,
-13.3258

0.0000, INF, -NF

0.0000, INF, NaN

86.9158, 72.0272,
-13.3777

0.0000, NaN, NaN

99.5439, 73.9159,
-13.3735

0.0000, NaN, NaN

112.7304, 75.7106,

0.0000, NaN, NaN

-13.3166

0.0000, NaN, NaN

126.4528, 77.4146,
-13.2101

■ 33.2249, 61.2785,
-12.4825

■ 33.2249, 61.2785,
-12.4825

■ 33.2246, 61.2774,
-12.4782

■ 34.0768, 59.8030,
-14.3952

■ 35.4744, 56.6168,
-15.4608

■ 37.5566, 51.5171,
-15.4320

■ 40.3061, 44.9287,
-14.3816

■ 43.6661, 37.3645,
-12.4852

■ 47.5635, 29.2715,
-9.9447

■ 51.9235, 20.9713,
-6.9396

■ 56.6783, 12.6640,
-3.6097

■ 61.7695, 4.4590,
-0.0557

Harmonies

Analogous

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



33.2258, 41.5035, -51.4865



33.2249, 61.2785, -12.4825



33.2258, 61.0000, 12.0580

Triad

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



33.2258, 61.2755, -12.4812



33.2258, -13.9484, 23.2087



33.2258, -29.9738, -52.4893

Complementary

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



33.2249, 61.2785, -12.4825



57.0233, -47.1682, 30.5501

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.



33.2258, -37.3963, -13.3216



33.2249, 61.2785, -12.4825



33.2258, -30.2604, 20.8273

Square

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



33.2258, 61.2755, -12.4812



33.2258, 11.7292, 23.2383



33.2258, -37.4821, 11.6688



33.2258, -13.4159, -84.1480

Rectangle

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



33.2249, 61.2785, -12.4825



33.2258, 49.2307, 19.1860



33.2258, -37.4821, 11.6688



33.2258, -33.3617, -38.8440

Sweetspot

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



33.2258, 61.2755, -12.4812



69.1696, 28.6467, -9.5089



20.0793, 50.5876, -112.6722



31.3858, 15.6687, -5.2893



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



33.2258, 61.2755, -12.4812



44.4164, 81.8370, -16.0466



31.1618, 53.7660, 16.9945



29.3281, 1.8496, 0.0883



27.9509, 51.5883, -10.7874



5.0563, 9.5012, -3.2604

Inverse Universe

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



33.2258, 61.2755, -12.4812



44.4164, 81.8370, -16.0466



58.5063, -38.0292, 8.9680



29.3281, 1.8496, 0.0883



27.9509, 51.5883, -10.7874



5.0563, 9.5012, -3.2604

Previews

White Background



This preview shows how the HunterLab color 33.2249, 61.2785, -12.4825 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 33.2249, 61.2785, -12.4825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

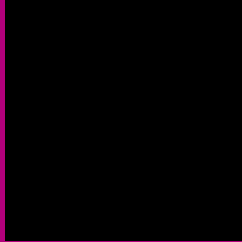
Any Text WCAG AA × Fail

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 33.2249, 61.2785, -12.4825 Background



This preview shows how black text looks on a background with the HunterLab color 33.2249, 61.2785, -12.4825.



This preview shows how white text looks on a background with the HunterLab color 33.2249, 61.2785, -12.4825.

-12.4825.

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

33.2249, 61.2785, -12.4825

Protanopia

34.3326, 9.4380, -50.5107

Deuteranopia

34.2829, 2.3756, -7.4089



Tritanopia

33.8147, 41.9204, 16.0788

Trichromacy



Original Color

33.2249, 61.2785, -12.4825

Protanomaly

28.7214, 29.7920, -48.5563

Deuteranomaly

29.9987, 28.1270, -15.5164

Tritanomaly

32.8026, 50.1744, 8.0634

Monochromacy



Original Color

33.2249, 61.2785, -12.4825

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

23.7076, 24.8420, -8.0461

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.2249, 61.2785, -12.4825 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(179, 0, 124)` looks like.

```
.text, #text, p{  
    color:rgb(179, 0, 124)  
}
```

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(179, 0, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 0, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 33.2249, 61.2785, -12.4825 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(179, 0, 124) }
```


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

```
.border{ border-color:rgb(179, 0, 124) }
```

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

Here you see how a box with a 4 pixel rgb(179, 0, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 0, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 0, 124);  
box-shadow:4px 4px 4px 4px rgb(179, 0,  
124) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.2249, 61.2785, -12.4825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 0, 124) }
```

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

```
.background{ background-color: rgb(179, 0,  
124) }
```

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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