

Converting Colors

HunterLab(33.7979, 62.5936,
-14.7002)

Have a look what the booklet for
HunterLab(33.7979, 62.5936,
-14.7002) contains.

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Color

**HunterLab(33.7768, 62.5362,
-14.5486)**

Conversions

Conversions Part 1

Format	Color
Hex	B50081
RGB	181, 0, 129
RGB Percent	71%, 0%, 51%
CMY	0.2902, 0.9999, 0.4941
CMYK	0.00, 1.00, 0.29, 0.29
HSL	317°, 100%, 35%
HSV	317°, 100%, 71%
XYZ	23.0185, 11.4087, 21.7577
YIQ	68.8250, 66.4670, 78.4910

Conversions

Conversions Part 2

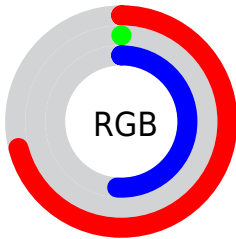
Format	Color
R_{YB}	181, 0, 129
Decimal	11862145
CIE _{Lab}	40.26, 69.16, -19.92
CIE _{LCh}	40, 71.969, 343.928
Yxy	11.4093, 0.4097, 0.2031
Android (android.graphics.Color)	4290052225 (0xFFB50081)
YUV	68.8250, 29.6663, 98.3775
Hunter-Lab	33.7768, 62.5362, -14.5486

Details

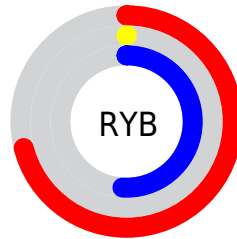
The HunterLab color **33.7768, 62.5362, -14.5486** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **57.7028, -47.9440, 31.3754**, and the grayscale version is **24.2208, -1.2924, 1.3160**.

A 20% lighter version of the original color is **53.3093, 67.0610, -15.1980**, and **21.8864, 40.1274, -6.3709** is the 20% darker color. If you saturate the color by 10%, you get **33.7766, 62.5352, -14.5445**, and if you desaturate by 10%, it is **34.6228, 61.0381, -16.3462**.

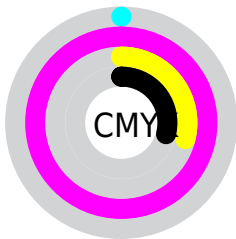
Distribution



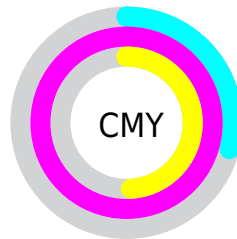
- Red (71%)
- Green (0%)
- Blue (51%)



- Red (71%)
- Yellow (0%)
- Blue (51%)



- Cyan (0%)
- Magenta (100%)
- Yellow (29%)
- Black (29%)



- Cyan (29%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.7768, 62.5362, -14.5486 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 33.7768, 62.5362, -14.5486 by changing the saturation by 10% instead.

33.7768, 62.5362,
-14.5486

33.7768, 62.5362,
-14.5486

141.5821, 80.4751,
-15.7152

25.1851, 60.3127,
-14.1106

53.3054, 67.0837,
-15.2327

17.4776, 58.4100,
-13.6391

64.1267, 69.2732,
-15.4760

10.7719, 57.5518,
-13.2262

75.5948, 71.3742,
-15.6556

1.7016, 212.3952,
-51.1308

87.6753, 73.3805,
-15.7750

0.0000, INF, -NF

0.0000, NaN, NaN

100.3384, 75.2913,
-15.8376

0.0000, NaN, NaN

113.5585, 77.1085,

0.0000, NaN, NaN

-15.8466

0.0000, NaN, NaN

127.3131, 78.8352,
-15.8049

■ 33.7768, 62.5362,
-14.5486

■ 33.7768, 62.5362,
-14.5486

■ 33.7766, 62.5352,
-14.5445

■ 34.6228, 61.0381,
-16.3462

■ 36.0211, 57.7939,
-17.2509

■ 38.1113, 52.6011,
-17.0198

■ 40.8774, 45.8872,
-15.7389

■ 44.2629, 38.1727,
-13.5978

■ 48.1943, 29.9140,
-10.8094

■ 52.5961, 21.4408,
-7.5614

■ 57.3995, 12.9593,
-3.9979

■ 62.5454, 4.5821,
-0.2213

Harmonies

Analogous

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



33.7777, 41.3797, -55.1227



33.7768, 62.5362, -14.5486



33.7777, 63.3513, 11.5589

Triad

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



33.7777, 62.5332, -14.5472



33.7777, -13.2285, 23.6444



33.7777, -31.2559, -52.1374

Complementary

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



33.7768, 62.5362, -14.5486



57.7028, -47.9440, 31.3754

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.



33.7777, -38.4305, -12.0542



33.7768, 62.5362, -14.5486



33.7777, -30.4128, 21.4427

Square

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



33.7777, 62.5332, -14.5472



33.7777, 13.5134, 23.6125



33.7777, -38.1790, 12.7045



33.7777, -14.8005, -85.9509

Rectangle

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



33.7768, 62.5362, -14.5486



33.7777, 51.8107, 19.2588



33.7777, -38.1790, 12.7045



33.7777, -34.5697, -38.0177

Sweetspot

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



33.7777, 62.5332, -14.5472



70.0701, 29.2809, -10.3553



20.1209, 51.0304, -115.5264



31.4134, 15.8043, -5.6758



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.



33.7777, 62.5332, -14.5472



45.1567, 83.5262, -18.8358



31.5792, 54.5444, 16.7711



29.3330, 1.8761, 0.0181



28.0664, 52.0014, -12.3812



5.0727, 9.5593, -3.4825

Inverse Universe

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



33.7777, 62.5332, -14.5472



45.1567, 83.5262, -18.8358



59.1563, -38.9779, 10.2035



29.3330, 1.8761, 0.0181



28.0664, 52.0014, -12.3812



5.0727, 9.5593, -3.4825

Previews

White Background



This preview shows how the HunterLab color 33.7768, 62.5362, -14.5486 looks on a white background.

Color Contrast Check

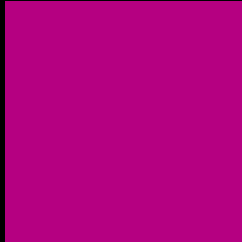
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.7768, 62.5362, -14.5486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

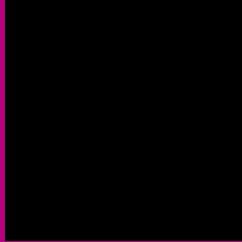
Any Text WCAG AA × Fail

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 33.7768, 62.5362, -14.5486 Background



This preview shows how black text looks on a background with the HunterLab color 33.7768, 62.5362, -14.5486.



This preview shows how white text looks on a background with the HunterLab color 33.7768, 62.5362, -14.5486.

-14.5486.

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

33.7768, 62.5362, -14.5486

Protanopia

35.0686, 9.9440, -54.8850

Deuteranopia

34.6378, 2.5776, -9.5746



Tritanopia

34.4308, 42.0374, 16.1520

Trichromacy



Original Color

33.7768, 62.5362, -14.5486



Protanomaly

29.0748, 30.4436, -53.1728



Deuteranomaly

30.2036, 29.0438, -18.3125



Tritanomaly

33.3048, 50.8476, 7.5541

Monochromacy



Original Color

33.7768, 62.5362, -14.5486



Achromatopsia

24.3949, -1.3017, 1.3254



Achromatomaly

24.2316, 25.5089, -8.8394

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.7768, 62.5362, -14.5486 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(181, 0, 129)` looks like.

```
.text, #text, p{  
    color:rgb(181, 0, 129)  
}
```

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(181, 0, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 0, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 33.7768, 62.5362, -14.5486 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(181, 0, 129) }
```


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

```
.border{ border-color:rgb(181, 0, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 0, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 0, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 0, 129);  
box-shadow:4px 4px 4px 4px rgb(181, 0,  
129) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.7768, 62.5362, -14.5486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 0, 129) }
```

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

```
.background{ background-color: rgb(181, 0,  
129) }
```

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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