

Converting Colors

HunterLab(33.6734, 61.2241,
-5.8178)

Have a look what the booklet for
HunterLab(33.6734, 61.2241,
-5.8178) contains.

HunterLab(33.7381, 61.3113, -5.5922)	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(33.7381, 61.3113,
-5.5922)**

Conversions

Conversions Part 1

Format	Color
Hex	B80071
RGB	184, 0, 113
RGB Percent	72%, 0%, 44%
CMY	0.2784, 0.9999, 0.5569
CMYK	0.00, 1.00, 0.39, 0.28
HSL	323°, 100%, 36%
HSV	323°, 100%, 72%
XYZ	22.7478, 11.3826, 16.6209
YIQ	67.8980, 73.3910, 74.1510

Conversions

Conversions Part 2

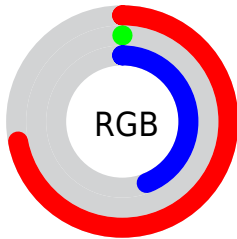
Format	Color
R_{YB}	184, 0, 113
Decimal	12058737
CIE _{Lab}	40.22, 68.11, -9.96
CIE _{LCh}	40, 68.839, 351.681
Yxy	11.3832, 0.4482, 0.2243
Android (android.graphics.Color)	4290248817 (0xFFB80071)
YUV	67.8980, 22.2353, 101.8215
Hunter-Lab	33.7381, 61.3113, -5.5922

Details

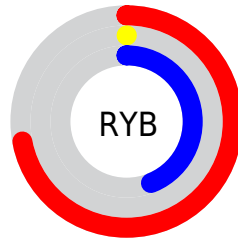
The HunterLab color **33.7381, 61.3113, -5.5922** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **58.9377, -47.7803, 29.4788**, and the grayscale version is **23.9188, -1.2762, 1.2996**.

A 20% lighter version of the original color is **53.3570, 65.9260, -5.5230**, and **21.7753, 39.0435, 0.4845** is the 20% darker color. If you saturate the color by 10%, you get **33.7377, 61.3099, -5.5869**, and if you desaturate by 10%, it is **34.6346, 59.9206, -8.0833**.

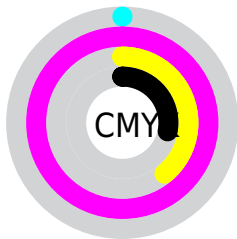
Distribution



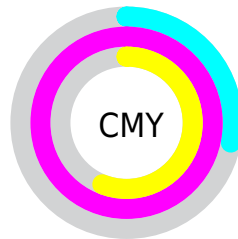
- Red (72%)
- Green (0%)
- Blue (44%)



- Red (72%)
- Yellow (0%)
- Blue (44%)



- Cyan (0%)
- Magenta (100%)
- Yellow (39%)
- Black (28%)



- Cyan (28%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.7381, 61.3113, -5.5922 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 33.7381, 61.3113, -5.5922 by changing the saturation by 10% instead.

33.7381, 61.3113,
-5.5922

33.7381, 61.3113,
-5.5922

141.5197, 79.0045,
-3.5580

25.1500, 59.0937,
-5.5112

53.2604, 65.8180,
-5.5259

17.4466, 57.1753,
-5.3445

64.0788, 67.9811,
-5.3962

10.7455, 56.2506,
-5.0846

75.5443, 70.0537,
-5.2094

1.5556, 226.6836,
-26.4534

87.6221, 72.0305,
-4.9702

0.0000, INF, NaN

0.0000, NaN, NaN

100.2828, 73.9113,
-4.6825

0.0000, NaN, NaN

113.5006, 75.6982,

0.0000, NaN, NaN

-4.3494

0.0000, NaN, NaN

127.2529, 77.3947,
-3.9738

■ 33.7381, 61.3113,
-5.5922

■ 33.7381, 61.3113,
-5.5922

■ 33.7377, 61.3099,
-5.5869

■ 34.6346, 59.9206,
-8.0833

■ 36.1116, 56.7586,
-9.8344

■ 38.3071, 51.6389,
-10.5719

■ 41.1992, 45.0082,
-10.3173

■ 44.7258, 37.3979,
-9.2046

■ 48.8079, 29.2649,
-7.4081

■ 53.3666, 20.9325,
-5.0935

■ 58.3304, 12.5989,
-2.3962

■ 63.6389, 4.3701,
0.5816

Harmonies

Analogous

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



33.7391, 45.6367, -41.4673



33.7381, 61.3113, -5.5922



33.7391, 56.5502, 14.8761

Triad

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



33.7391, 61.3079, -5.5910



33.7391, -17.9995, 22.9571



33.7391, -27.0345, -58.6284

Complementary

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



33.7381, 61.3113, -5.5922



58.9377, -47.7803, 29.4788

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.



33.7391, -36.2204, -20.1999



33.7381, 61.3113, -5.5922



33.7391, -32.1794, 19.7995

Square

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



33.7391, 61.3079, -5.5910



33.7391, 5.5499, 23.4665



33.7391, -37.7752, 7.8843



33.7391, -8.5739, -83.9083

Rectangle

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



33.7381, 61.3113, -5.5922



33.7391, 42.9090, 20.4163



33.7391, -37.7752, 7.8843



33.7391, -31.0528, -45.8918

Sweetspot

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



33.7391, 61.3079, -5.5910



71.5202, 28.7664, -7.0333



21.8724, 53.2713, -108.5136



31.9876, 15.5406, -3.8988



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



33.7391, 61.3079, -5.5910



45.3712, 82.3557, -6.7762



32.0109, 54.9894, 19.3288



30.1702, 1.8113, 0.3689



28.0335, 50.9892, -4.9930



5.3736, 9.9688, -2.4677

Inverse Universe

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



33.7391, 61.3079, -5.5910



45.3712, 82.3557, -6.7762



60.7527, -36.6531, 3.1898



30.1702, 1.8113, 0.3689



28.0335, 50.9892, -4.9930



5.3736, 9.9688, -2.4677

Previews

White Background



This preview shows how the HunterLab color 33.7381, 61.3113, -5.5922 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 33.7381, 61.3113, -5.5922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

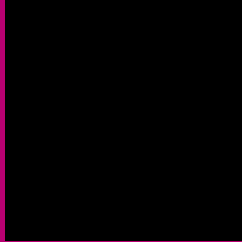
Any Text WCAG AA × Fail

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 33.7381, 61.3113, -5.5922 Background



This preview shows how black text looks on a background with the HunterLab color 33.7381, 61.3113, -5.5922.



This preview shows how white text looks on a background with the HunterLab color 33.7381, 61.3113, -5.5922.

-5.5922.

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

33.7381, 61.3113, -5.5922

Protanopia

34.7781, 6.5779, -36.7293

Deuteranopia

34.7677, 1.9748, -1.3327



Tritanopia

34.3181, 45.2907, 17.4740

Trichromacy



Original Color

33.7381, 61.3113, -5.5922

Protanomaly

29.3681, 28.8689, -34.6668

Deuteranomaly

30.3644, 28.2124, -8.4982

Tritanomaly

33.3837, 51.7302, 11.1856

Monochromacy



Original Color

33.7381, 61.3113, -5.5922

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

23.8387, 24.8828, -5.7359

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.7381, 61.3113, -5.5922 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(184, 0, 113)` looks like.

```
.text, #text, p{  
    color:rgb(184, 0, 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(184, 0, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 0, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 33.7381, 61.3113, -5.5922 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(184, 0, 113) }
```


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

```
.border{ border-color:rgb(184, 0, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 0, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 0, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 0, 113);  
box-shadow:4px 4px 4px 4px rgb(184, 0,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.7381, 61.3113, -5.5922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 0, 113) }
```

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

```
.background{ background-color: rgb(184, 0,  
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