

Converting Colors

HunterLab(30.7690, 57.2016,
-15.0687)

Have a look what the booklet for
HunterLab(30.7690, 57.2016,
-15.0687) contains.

HunterLab(30.8017, 57.2306, -14.8379)	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(30.8017, 57.2306,
-14.8379)**

Conversions

Conversions Part 1

Format	Color
Hex	A60079
RGB	166, 0, 121
RGB Percent	65%, 0%, 47%
CMY	0.3490, 0.9999, 0.5255
CMYK	0.00, 1.00, 0.27, 0.35
HSL	316°, 100%, 33%
HSV	316°, 100%, 65%
XYZ	19.1770, 9.4874, 18.9097
YIQ	63.4280, 60.0950, 72.8230

Conversions

Conversions Part 2

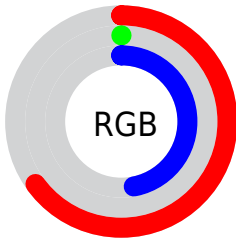
Format	Color
R_{YB}	166, 0, 121
Decimal	10879097
CIE Lab	36.91, 65.21, -20.37
CIE LCh	37, 68.318, 342.657
Yxy	9.4880, 0.4031, 0.1994
Android (android.graphics.Color)	4289069177 (0xFFA60079)
YUV	63.4280, 28.3830, 89.9556
Hunter-Lab	30.8017, 57.2306, -14.8379

Details

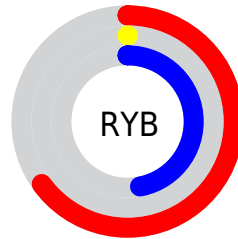
The HunterLab color **30.8017, 57.2306, -14.8379** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **52.4044, -43.6443, 28.7160**, and the grayscale version is **22.3377, -1.1919, 1.2136**.

A 20% lighter version of the original color is **49.8005, 61.8128, -15.9060**, and **19.2849, 35.4521, -6.3450** is the 20% darker color. If you saturate the color by 10%, you get **30.8015, 57.2298, -14.8347**, and if you desaturate by 10%, it is **31.6066, 55.6871, -16.2605**.

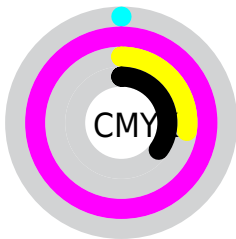
Distribution



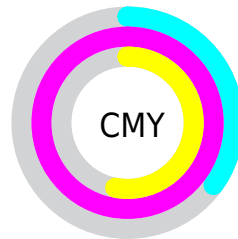
- Red (65%)
- Green (0%)
- Blue (47%)



- Red (65%)
- Yellow (0%)
- Blue (47%)



- Cyan (0%)
- Magenta (100%)
- Yellow (27%)
- Black (35%)



- Cyan (35%)
- Magenta (100%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.8017, 57.2306, -14.8379 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 30.8017, 57.2306, -14.8379 by changing the saturation by 10% instead.

30.8017, 57.2306,
-14.8379

30.8017, 57.2306,
-14.8379

136.7397, 74.4525,
-16.3050

22.4962, 55.0800,
-14.3743

49.8276, 61.6419,
-15.5921

15.1095, 53.2959,
-13.9027

60.4230, 63.7570,
-15.8715

8.7446, 53.0977,
-13.6731

71.6783, 65.7794,
-16.0865

0.0000, INF, -NF

0.0000, INF, NaN

83.5569, 67.7038,
-16.2401

0.0000, NaN, NaN

96.0276, 69.5302,
-16.3357

0.0000, NaN, NaN

109.0635, 71.2612,

0.0000, NaN, NaN

-16.3764

0.0000, NaN, NaN

122.6412, 72.9006,
-16.3652

■ 30.8017, 57.2306,
-14.8379

■ 30.8017, 57.2306,
-14.8379

■ 30.8015, 57.2298,
-14.8347

■ 31.6066, 55.6871,
-16.2605

■ 32.8920, 52.6330,
-16.8801

■ 34.7970, 47.8413,
-16.4641

■ 37.3056, 41.6999,
-15.1045

■ 40.3675, 34.6727,
-12.9809

■ 43.9172, 27.1647,
-10.2890

■ 47.8880, 19.4681,
-7.1982

■ 52.2186, 11.7663,
-3.8375

■ 56.8566, 4.1600,
-0.2979

Harmonies

Analogous

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



30.8025, 37.0768, -52.6013



30.8017, 57.2306, -14.8379



30.8025, 58.8800, 9.9474

Triad

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



30.8025, 57.2279, -14.8366



30.8025, -11.2752, 21.5618



30.8025, -29.1349, -46.5597

Complementary

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



30.8017, 57.2306, -14.8379



52.4044, -43.6443, 28.7160

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.



30.8025, -35.3811, -9.8068



30.8017, 57.2306, -14.8379



30.8025, -27.4469, 19.7598

Square

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



30.8025, 57.2279, -14.8366



30.8025, 13.6431, 21.5618



30.8025, -34.8788, 12.2430



30.8025, -14.4329, -78.7230

Rectangle

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



30.8017, 57.2306, -14.8379



30.8025, 48.7089, 17.3546



30.8025, -34.8788, 12.2430



30.8025, -32.0526, -33.4871

Sweetspot

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



30.8025, 57.2279, -14.8366



64.1949, 26.8206, -9.9460



18.1533, 46.2471, -105.8330



29.3169, 14.6826, -5.5245



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



30.8025, 57.2279, -14.8366



41.4506, 76.9396, -19.3711



28.7268, 49.6955, 14.6544



27.6250, 1.7579, -0.0233



27.1387, 50.4496, -13.2684



4.3252, 8.1958, -3.3198

Inverse Universe

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



30.8025, 57.2279, -14.8366



41.4506, 76.9396, -19.3711



53.6768, -35.7888, 10.1678



27.6250, 1.7579, -0.0233



27.1387, 50.4496, -13.2684



4.3252, 8.1958, -3.3198

Previews

White Background



This preview shows how the HunterLab color 30.8017, 57.2306, -14.8379 looks on a white background.

Color Contrast Check

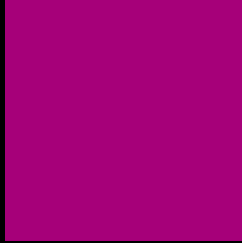
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 30.8017, 57.2306, -14.8379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

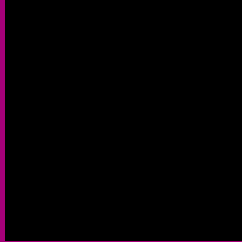
Any Text WCAG AA × Fail

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 30.8017, 57.2306, -14.8379 Background



This preview shows how black text looks on a background with the HunterLab color 30.8017, 57.2306, -14.8379.



This preview shows how white text looks on a background with the HunterLab color 30.8017, 57.2306, -14.8379.

-14.8379.

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

30.8017, 57.2306, -14.8379

Protanopia

32.0412, 9.4928, -52.3120

Deuteranopia

31.8593, 2.0002, -9.4074



Tritanopia

31.4980, 37.4244, 14.3839

Trichromacy



Original Color

30.8017, 57.2306, -14.8379

Protanomaly

26.4778, 27.5084, -50.6868

Deuteranomaly

27.8103, 26.0225, -17.6339

Tritanomaly

30.4767, 45.6405, 6.2769

Monochromacy



Original Color

30.8017, 57.2306, -14.8379

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

22.0613, 23.0029, -8.5448

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.8017, 57.2306, -14.8379 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(166, 0, 121)` looks like.

```
.text, #text, p{  
    color:rgb(166, 0, 121)  
}
```

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(166, 0, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 0, 121) }
```

Border

The CSS property to change the border of an element to HunterLab 30.8017, 57.2306, -14.8379 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(166, 0, 121) }
```


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

```
.border{ border-color:rgb(166, 0, 121) }
```

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

Here you see how a box with a 4 pixel rgb(166, 0, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 0, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 0, 121);  
box-shadow:4px 4px 4px 4px rgb(166, 0,  
121) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.8017, 57.2306, -14.8379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 0, 121) }
```

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

```
.background{ background-color: rgb(166, 0,  
121) }
```

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