

Converting Colors

HunterLab(57.5341, 30.8603,
-35.5794)

Have a look what the booklet for
HunterLab(57.5341, 30.8603,
-35.5794) contains.

HunterLab(57.5905, 30.4553, -35.1264)	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(57.5905, 30.4553,
-35.1264)**

Conversions

Conversions Part 1

Format	Color
Hex	BB87DE
RGB	187, 135, 222
RGB Percent	73%, 53%, 87%
CMY	0.2667, 0.4706, 0.1294
CMYK	0.16, 0.39, 0.00, 0.13
HSL	276°, 57%, 70%
HSV	276°, 39%, 87%
XYZ	42.3423, 33.1667, 73.2773
YIQ	160.4660, 3.0650, 38.0810

Conversions

Conversions Part 2

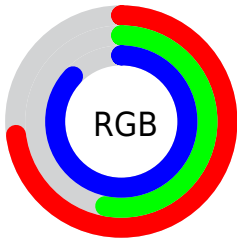
Format	Color
R _Y B	187, 135, 222
Decimal	12290014
CIE Lab	64.30, 35.77, -36.82
CIE LCh	64, 51.335, 314.165
Yxy	33.1680, 0.2846, 0.2229
Android (android.graphics.Color)	4290480094 (0xFFBB87DE)
YUV	160.4660, 30.3363, 23.2703
Hunter-Lab	57.5905, 30.4553, -35.1264

Details

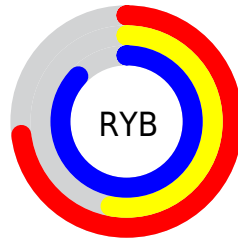
The HunterLab color $57.5905, 30.4553, -35.1264$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $79.0814, -32.1407, 30.9807$, and the grayscale version is $59.3609, -3.1673, 3.2252$.

A 20% lighter version of the original color is $79.2769, 26.8838, -21.4350$, and $37.4157, 27.8807, -33.6242$ is the 20% darker color. If you saturate the color by 10%, you get $51.4916, 39.6945, -47.1503$, and if you desaturate by 10%, it is $64.1746, 21.2721, -23.9312$.

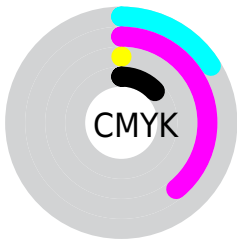
Distribution



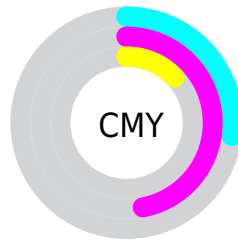
- Red (73%)
- Green (53%)
- Blue (87%)



- Red (73%)
- Yellow (53%)
- Blue (87%)



- Cyan (16%)
- Magenta (39%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (47%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.5905, 30.4553, -35.1264 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 57.5905, 30.4553, -35.1264 by changing the saturation by 10% instead.

57.5905, 30.4553,
-35.1264

57.5905, 30.4553,
-35.1264

177.8781, 36.7983,
-39.1694

47.1754, 29.3006,
-34.4801

80.3976, 32.4389,
-36.3440

37.4760, 28.0262,
-33.8515

92.7165, 33.2884,
-36.8929

28.5511, 26.6222,
-33.3093

105.6073, 34.0528,
-37.3943

20.4747, 25.0878,
-33.0109

119.0456, 34.7386,
-37.8466

13.3477, 23.4555,
-33.3638

133.0100, 35.3514,
-38.2495

6.8969, 24.7772,
-38.5151

147.4814, 35.8962,

0.0000, INF, -NF

-38.6036

0.0000, NaN, -NF

162.4426, 36.3772,
-38.9098

0.0000, NaN, NaN

■ 57.5905, 30.4553,
-35.1264

■ 57.5905, 30.4553,
-35.1264

■ 51.4916, 39.6945,
-47.1503

■ 64.1746, 21.2721,
-23.9312

■ 45.9772, 48.7620,
-59.9333

■ 71.1591, 12.2468,
-13.5185

■ 41.1732, 57.2076,
-73.1438

■ 78.4823, 3.4058,
-3.7879

■ 37.2154, 64.2996,
-86.0420

■ 86.0956, -5.2579,
5.3684

■ 34.2183, 69.1046,
-97.4480

■ 93.9609, -13.7653,
14.0498

■ 32.1459, 71.1437,
-106.4088

■ 97.6844, -15.4796,
17.9764

■ 31.9928, 71.2730,
-107.1111

■ 98.5034, -12.5572,
18.8810

■ 99.0222, -10.7192,
19.4508

Harmonies

Analogous

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



57.5917, 7.9544, -53.1123



57.5905, 30.4553, -35.1264



57.5917, 45.0040, -9.3312

Triad

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



57.5917, 30.4541, -35.1248



57.5917, 9.2743, 30.4179



57.5917, -39.4598, -7.9324

Complementary

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



57.5905, 30.4553, -35.1264



79.0814, -32.1407, 30.9807

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.



57.5917, -39.2190, 13.3171



57.5905, 30.4553, -35.1264



57.5917, -13.3341, 30.5465

Square

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



57.5917, 30.4541, -35.1248



57.5917, 31.5481, 25.1473



57.5917, -30.3454, 25.6113



57.5917, -31.0635, -33.7667

Rectangle

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



57.5905, 30.4553, -35.1264



57.5917, 47.0177, 6.0585



57.5917, -30.3454, 25.6113



57.5917, -40.3404, 0.0495

Sweetspot

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



57.5917, 30.4541, -35.1248



89.3007, 6.9680, -7.6649



62.9654, -3.0652, -26.3284



40.7894, 3.8518, -4.2329

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



57.5917, 30.4541, -35.1248



61.5014, 44.4770, -52.5304



61.4428, 40.7031, -23.3023



36.9409, 1.7156, -1.9043



24.7910, 55.0910, -81.9305



6.9119, 14.9782, -19.8850

Inverse Universe

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



59.8006, 32.7893, -0.2838



64.8567, 47.5337, -0.3404



77.0420, -39.7946, 27.0049



37.1369, 1.9877, 1.3684



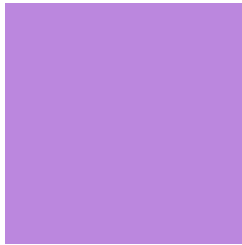
31.1070, 54.7252, 8.8331



8.2951, 14.7929, 0.8080

Previews

White Background



This preview shows how the HunterLab color 57.5905, 30.4553, -35.1264 looks on a white background.

Color Contrast Check

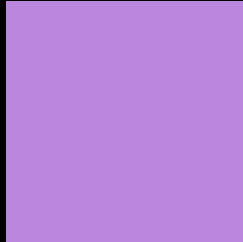
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 57.5905, 30.4553, -35.1264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

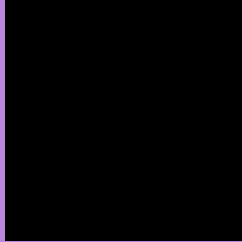
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 57.5905, 30.4553, -35.1264 Background



This preview shows how black text looks on a background with the HunterLab color 57.5905, 30.4553, -35.1264.



This preview shows how white text looks on a background with the HunterLab color 57.5905, 30.4553, -35.1264.

-35.1264.

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

57.5905, 30.4553, -35.1264

Protanopia

57.8004, 8.2636, -46.4245

Deuteranopia

57.7270, 4.7357, -32.4716



Tritanopia

57.5022, 8.2258, 1.2848

Trichromacy



Original Color

57.5905, 30.4553, -35.1264



Protanomaly

57.2482, 15.9264, -43.5120



Deuteranomaly

57.3166, 13.5115, -33.7705



Tritanomaly

57.3477, 16.1327, -10.6973

Monochromacy



Original Color

57.5905, 30.4553, -35.1264



Achromatopsia

59.2902, -3.1636, 3.2213



Achromatomaly

58.3936, 8.4425, -9.3578

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.5905, 30.4553, -35.1264 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(187, 135, 222)` looks like.

```
.text, #text, p{  
    color:rgb(187, 135, 222)  
}
```

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(187, 135, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 135, 222) }
```

Border

The CSS property to change the border of an element to HunterLab 57.5905, 30.4553, -35.1264 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(187, 135, 222) }
```


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

```
.border{ border-color:rgb(187, 135, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 135, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 135, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 135, 222);  
box-shadow:4px 4px 4px 4px rgb(187, 135,  
222) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.5905, 30.4553, -35.1264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 135, 222) }
```

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

```
.background{ background-color: rgb(187,  
135, 222) }
```

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