

Converting Colors

HunterLab(48.3535, 37.9686,
-64.0671)

Have a look what the booklet for
HunterLab(48.3535, 37.9686,
-64.0671) contains.

HunterLab(48.3535, 37.9686, -64.0671)	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(48.3535, 37.9686,
-64.0671)**

Conversions

Conversions Part 1

Format	Color
Hex	996CE9
RGB	153, 108, 233
RGB Percent	60%, 42%, 91%
CMY	0.4000, 0.5765, 0.0863
CMYK	0.34, 0.54, 0.00, 0.09
HSL	262°, 74%, 67%
HSV	262°, 54%, 91%
XYZ	33.2074, 23.3806, 79.8535
YIQ	135.7050, -13.3050, 48.4150

Conversions

Conversions Part 2

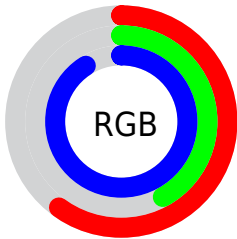
Format	Color
RYB	153, 108, 233
Decimal	10054889
CIELab	55.46, 44.13, -57.15
CIELCh	55, 72.204, 307.675
Yxy	23.3815, 0.2434, 0.1714
Android (android.graphics.Color)	4288244969 (0xFF996CE9)
YUV	135.7050, 47.9664, 15.1677
Hunter-Lab	48.3535, 37.9686, -64.0671

Details

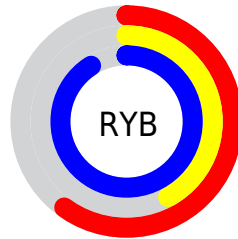
The HunterLab color $48.3535, 37.9686, -64.0671$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $83.6972, -34.3231, 40.9224$, and the grayscale version is $49.3221, -2.6317, 2.6798$.

A 20% lighter version of the original color is $68.2339, 31.4264, -39.6113$, and $29.4993, 34.7801, -63.7681$ is the 20% darker color. If you saturate the color by 10%, you get $42.1243, 46.7519, -81.7309$, and if you desaturate by 10%, it is $55.2383, 29.3450, -48.1946$.

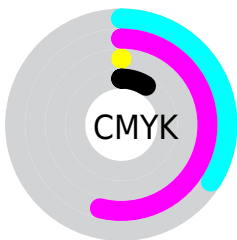
Distribution



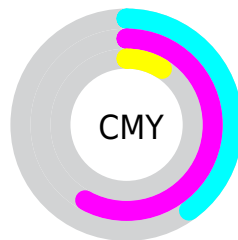
- Red (60%)
- Green (42%)
- Blue (91%)



- Red (60%)
- Yellow (42%)
- Blue (91%)



- Cyan (34%)
- Magenta (54%)
- Yellow (0%)
- Black (9%)



- Cyan (40%)
- Magenta (58%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.3535, 37.9686, -64.0671 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 48.3535, 37.9686, -64.0671 by changing the saturation by 10% instead.

48.3535, 37.9686,
-64.0671

48.3535, 37.9686,
-64.0671

164.2188, 47.6587,
-70.6713

38.5687, 36.3880,
-63.8120

70.0135, 40.7806,
-65.2881

29.5500, 34.6896,
-64.0894

81.8041, 42.0251,
-66.0525

21.3701, 32.8928,
-65.4196

94.1911, 43.1719,
-66.8505

14.1259, 31.0791,
-69.0773

107.1469, 44.2277,
-67.6547

7.7769, 30.9171,
-81.1649

120.6476, 45.1990,
-68.4482

0.0000, INF, -NF

0.0000, NaN, -NF

134.6721, 46.0913,

-69.2197

0.0000, NaN, -NF

149.2015, 46.9097,
-69.9623

0.0000, NaN, NaN

■ 48.3535, 37.9686,
-64.0671

■ 48.3535, 37.9686,
-64.0671

■ 42.1243, 46.7519,
-81.7309

■ 55.2383, 29.3450,
-48.1946

■ 36.7261, 55.2566,
-100.8570

■ 62.6417, 21.0302,
-33.9987

■ 32.3744, 62.5576,
-120.1398

■ 70.4666, 13.0381,
-21.2144

■ 29.2662, 67.2698,
-136.9665

■ 78.6415, 5.3317,
-9.5694

■ 27.8616, 68.8291,
-145.6784

■ 87.1134, -2.1400,
1.1726

■ 95.8425, -9.4261,
11.2025

■ 99.3294, -9.0223,
15.0324

Harmonies

Analogous

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



48.3544, 5.3655, -89.4554



48.3535, 37.9686, -64.0671



48.3544, 63.1905, -23.1992

Triad

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



48.3544, 37.9685, -64.0654



48.3544, 21.3408, 30.8507



48.3544, -47.5025, -5.2855

Complementary

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



48.3535, 37.9686, -64.0671



83.6972, -34.3231, 40.9224

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.



48.3544, -45.2130, 19.1823



48.3535, 37.9686, -64.0671



48.3544, -10.0484, 31.5479

Square

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



48.3544, 37.9685, -64.0654



48.3544, 52.0737, 25.5940



48.3544, -33.0313, 29.0363



48.3544, -40.2961, -44.3555

Rectangle

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



48.3535, 37.9686, -64.0671



48.3544, 69.6140, 0.3522



48.3544, -33.0313, 29.0363



48.3544, -47.7784, 4.8061

Sweetspot

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



48.3544, 37.9685, -64.0654



84.8847, 7.9561, -13.6365



67.5091, -14.6400, -26.3630



38.3995, 4.4935, -7.5263

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.3544, 37.9685, -64.0654



46.2347, 52.4385, -91.9146



55.6262, 56.2834, -46.9069



38.4874, 1.0236, -2.3351



21.1382, 51.9919, -108.7579



6.3514, 15.0040, -27.8880

Inverse Universe

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



56.2851, 53.8665, -14.4908



57.3379, 71.0099, -17.5796



79.9086, -49.2339, 37.8503



39.0082, 2.5318, 0.3007



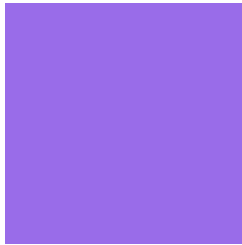
33.2982, 60.8018, -7.7668



9.4284, 17.3879, -3.5322

Previews

White Background



This preview shows how the HunterLab color 48.3535, 37.9686, -64.0671 looks on a white background.

Color Contrast Check

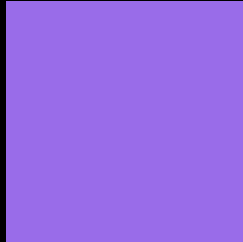
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the HunterLab color 48.3535, 37.9686, -64.0671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

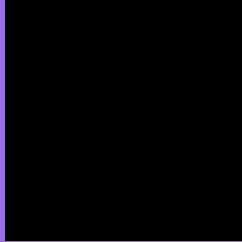
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 48.3535, 37.9686, -64.0671 Background



This preview shows how black text looks on a background with the HunterLab color 48.3535, 37.9686, -64.0671.



This preview shows how white text looks on a background with the HunterLab color 48.3535, 37.9686, -64.0671.

-64.0671.

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

48.3535, 37.9686, -64.0671

Protanopia

48.8676, 15.7582, -83.3764

Deuteranopia

48.6008, 4.4793, -58.6307



Tritanopia

48.2223, 0.1197, -1.7482

Trichromacy



Original Color

48.3535, 37.9686, -64.0671

Protanomaly

47.7090, 21.9850, -78.5703

Deuteranomaly

47.7046, 14.5358, -62.4817

Tritanomaly

47.8788, 12.4186, -20.5036

Monochromacy



Original Color

48.3535, 37.9686, -64.0671

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

48.5930, 10.3482, -16.8855

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.3535, 37.9686, -64.0671 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(153, 108, 233)` looks like.

```
.text, #text, p{  
    color:rgb(153, 108, 233)  
}
```

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(153, 108, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 108, 233) }
```

Border

The CSS property to change the border of an element to HunterLab 48.3535, 37.9686, -64.0671 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(153, 108, 233) }
```


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

```
.border{ border-color:rgb(153, 108, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 108, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 108, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 108, 233);  
box-shadow:4px 4px 4px 4px rgb(153, 108,  
233) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.3535, 37.9686, -64.0671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 108, 233) }
```

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

```
.background{ background-color: rgb(153,  
108, 233) }
```

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