

Converting Colors

HunterLab(46.0484, 37.2595,
-57.2626)

Have a look what the booklet for
HunterLab(46.0484, 37.2595,
-57.2626) contains.

HunterLab(46.1439, 37.1798, -57.0262)	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(46.1439, 37.1798,
-57.0262)**

Conversions

Conversions Part 1

Format	Color
Hex	9866DB
RGB	152, 102, 219
RGB Percent	60%, 40%, 86%
CMY	0.4039, 0.6000, 0.1412
CMYK	0.31, 0.53, 0.00, 0.14
HSL	266°, 62%, 63%
HSV	266°, 53%, 86%
XYZ	30.4864, 21.2926, 69.5209
YIQ	130.2880, -7.7570, 46.9870

Conversions

Conversions Part 2

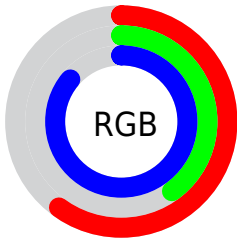
Format	Color
R _Y B	152, 102, 219
Decimal	9987803
CIE Lab	53.27, 43.69, -52.79
CIE LCh	53, 68.526, 309.613
Yxy	21.2934, 0.2513, 0.1755
Android (android.graphics.Color)	4288177883 (0xFF9866DB)
YUV	130.2880, 43.7350, 19.0414
Hunter-Lab	46.1439, 37.1798, -57.0262

Details

The HunterLab color $46.1439, 37.1798, -57.0262$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $77.4969, -34.0611, 37.5393$, and the grayscale version is $47.1967, -2.5183, 2.5643$.

A 20% lighter version of the original color is $66.2469, 34.6888, -43.2442$, and $27.6436, 34.0729, -56.6875$ is the 20% darker color. If you saturate the color by 10%, you get $40.4915, 45.4633, -72.3852$, and if you desaturate by 10%, it is $52.3983, 28.9101, -43.0390$.

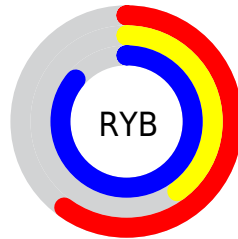
Distribution



Red (60%)

Green (40%)

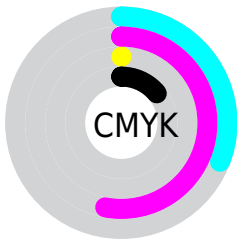
Blue (86%)



Red (60%)

Yellow (40%)

Blue (86%)

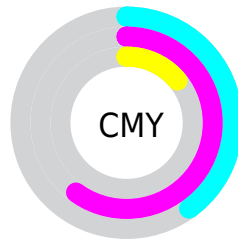


Cyan (31%)

Magenta (53%)

Yellow (0%)

Black (14%)



Cyan (40%)

Magenta (60%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.1439, 37.1798, -57.0262 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 46.1439, 37.1798, -57.0262 by changing the saturation by 10% instead.

46.1439, 37.1798,
-57.0262

46.1439, 37.1798,
-57.0262

160.8831, 46.9098,
-63.3953

36.5221, 35.5884,
-56.6794

67.5095, 40.0092,
-58.3092

27.6806, 33.8801,
-56.8013

79.1652, 41.2602,
-59.0657

19.6965, 32.0804,
-57.8886

91.4238, 42.4121,
-59.8386

12.6744, 30.2947,
-61.2165

104.2569, 43.4719,
-60.6053

6.0159, 35.4126,
-81.1461

117.6400, 44.4461,
-61.3515

0.0000, INF, -NF

0.0000, NaN, -NF

131.5513, 45.3404,

-62.0685

0.0000, NaN, -NF

145.9714, 46.1602,
-62.7509

0.0000, NaN, NaN

■ 46.1439, 37.1798,
-57.0262

■ 46.1439, 37.1798,
-57.0262

■ 40.4915, 45.4633,
-72.3852

■ 52.3983, 28.9101,
-43.0390

■ 35.5908, 53.3209,
-88.7800

■ 59.1341, 20.8360,
-30.3919

■ 31.6190, 59.9184,
-105.1360

■ 66.2639, 13.0048,
-18.9058

■ 28.7314, 64.0968,
-119.4723

■ 73.7219, 5.4050,
-8.3769

■ 27.3362, 65.5232,
-127.3653

■ 81.4591, -1.9960,
1.3806

■ 89.4381, -9.2351,
10.5222

■ 97.5309, -16.1934,
19.0736

■ 98.6871, -12.0667,
20.3356

■ 98.9417, -11.1651,
20.6118

Harmonies

Analogous

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



46.1448, 6.8864, -82.0408



46.1439, 37.1798, -57.0262



46.1448, 59.7130, -19.1596

Triad

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



46.1448, 37.1795, -57.0246



46.1448, 17.8548, 29.3606



46.1448, -44.4926, -6.8979

Complementary

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



46.1439, 37.1798, -57.0262



77.4969, -34.0611, 37.5393

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.



46.1448, -42.9017, 17.0422



46.1439, 37.1798, -57.0262



46.1448, -11.1257, 29.8614

Square

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



46.1448, 37.1795, -57.0246



46.1448, 46.8364, 24.7040



46.1448, -32.0498, 27.1262



46.1448, -37.0814, -43.6024

Rectangle

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



46.1439, 37.1798, -57.0262



46.1448, 64.7559, 2.1641



46.1448, -32.0498, 27.1262



46.1448, -44.9431, 2.8568

Sweetspot

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



46.1448, 37.1795, -57.0246



85.1525, 8.8468, -13.2481



60.6491, -9.9304, -28.3185



38.5398, 4.9570, -7.3179

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.1448, 37.1795, -57.0246



47.4063, 55.1058, -88.1476



53.1127, 54.6021, -41.1290



35.8996, 1.1363, -2.0576



21.1958, 50.6058, -97.2114



5.8412, 13.3666, -22.2982

Inverse Universe

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



52.3717, 48.5226, -9.3740



56.9151, 69.2348, -11.6783



74.1965, -47.1318, 34.8490



36.2986, 2.2100, 0.5919



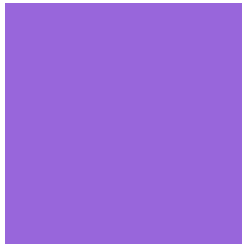
31.3631, 56.6005, -2.1391



8.0894, 14.7910, -2.0419

Previews

White Background



This preview shows how the HunterLab color 46.1439, 37.1798, -57.0262 looks on a white background.

Color Contrast Check

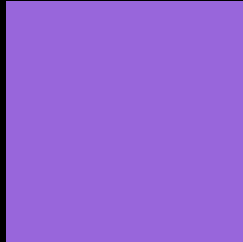
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.1439, 37.1798, -57.0262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

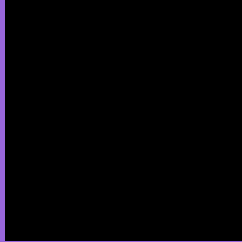
Any Text WCAG AA ✓ Pass

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 46.1439, 37.1798, -57.0262 Background



This preview shows how black text looks on a background with the HunterLab color 46.1439, 37.1798, -57.0262.



This preview shows how white text looks on a background with the HunterLab color 46.1439, 37.1798, -57.0262.

-57.0262.

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

46.1439, 37.1798, -57.0262

Protanopia

46.4189, 14.6157, -76.4375

Deuteranopia

46.3372, 4.0946, -51.9231



Tritanopia

46.1985, 2.5892, 0.0341

Trichromacy



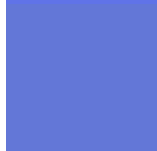
Original Color

46.1439, 37.1798, -57.0262



Protanomaly

45.3591, 21.0499, -71.4725



Deuteranomaly

45.5550, 14.3508, -55.3516



Tritanomaly

45.7405, 14.0094, -17.0957

Monochromacy



Original Color

46.1439, 37.1798, -57.0262



Achromatopsia

47.2470, -2.5210, 2.5670



Achromatomaly

46.3086, 10.3878, -15.0476

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.1439, 37.1798, -57.0262 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(152, 102, 219)` looks like.

```
.text, #text, p{  
    color:rgb(152, 102, 219)  
}
```

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(152, 102, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 102, 219) }
```

Border

The CSS property to change the border of an element to HunterLab 46.1439, 37.1798, -57.0262 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(152, 102, 219) }
```


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

```
.border{ border-color:rgb(152, 102, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 102, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 102, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 102, 219);  
box-shadow:4px 4px 4px 4px rgb(152, 102,  
219) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.1439, 37.1798, -57.0262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 102, 219) }
```

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

```
.background{ background-color: rgb(152,  
102, 219) }
```

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