

Converting Colors

HunterLab(46.9821, 15.3287,
-6.8641)

Have a look what the booklet for
HunterLab(46.9821, 15.3287,
-6.8641) contains.

HunterLab(46.9687, 15.4399, -6.6806)	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(46.9687, 15.4399,
-6.6806)**

Conversions

Conversions Part 1

Format	Color
Hex	9D7595
RGB	157, 117, 149
RGB Percent	62%, 46%, 58%
CMY	0.3843, 0.5412, 0.4157
CMYK	0.00, 0.25, 0.05, 0.38
HSL	312°, 17%, 54%
HSV	312°, 25%, 62%
XYZ	25.6907, 22.0606, 31.3378
YIQ	132.6080, 13.5680, 18.4320

Conversions

Conversions Part 2

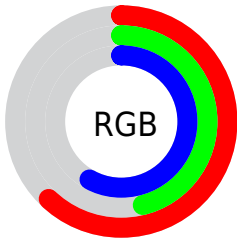
Format	Color
R_{YB}	157, 117, 149
Decimal	10319253
CIE _{Lab}	54.09, 21.16, -11.20
CIE _{LCh}	54, 23.945, 332.111
Yxy	22.0616, 0.3248, 0.2789
Android (android.graphics.Color)	4288509333 (0xFF9D7595)
YUV	132.6080, 8.0813, 21.3918
Hunter-Lab	46.9687, 15.4399, -6.6806

Details

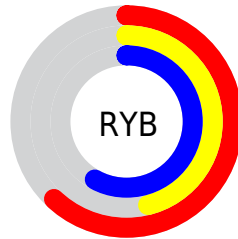
The HunterLab color $46.9687, 15.4399, -6.6806$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $54.2007, -18.7900, 11.8441$, and the grayscale version is $48.2417, -2.5741, 2.6211$.

A 20% lighter version of the original color is $68.3263, 16.5877, -6.6350$, and $28.3184, 14.0899, -6.4968$ is the 20% darker color. If you saturate the color by 10%, you get $43.1342, 22.8626, -10.3221$, and if you desaturate by 10%, it is $51.1213, 8.0639, -2.8809$.

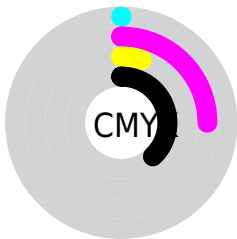
Distribution



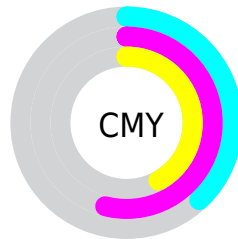
- Red (62%)
- Green (46%)
- Blue (58%)



- Red (62%)
- Yellow (46%)
- Blue (58%)



- Cyan (0%)
- Magenta (25%)
- Yellow (5%)
- Black (38%)



- Cyan (38%)
- Magenta (54%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.9687, 15.4399, -6.6806 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 46.9687, 15.4399, -6.6806 by changing the saturation by 10% instead.

46.9687, 15.4399,
-6.6806

46.9687, 15.4399,
-6.6806

162.1319, 17.4337,
-4.4401

37.2856, 14.8161,
-6.6510

68.4454, 16.3839,
-6.5383

28.3772, 14.0746,
-6.5468

80.1519, 16.7289,
-6.3798

20.3191, 13.1947,
-6.3591

92.4588, 16.9996,
-6.1689

13.2128, 12.1549,
-6.0832

105.3381, 17.2027,
-5.9093

6.7308, 13.4601,
-6.8383

118.7655, 17.3434,
-5.6041

0.0000, NaN, -NF

0.0000, NaN, NaN

132.7194, 17.4263,

-5.2559

0.0000, NaN, NaN

147.1806, 17.4553,
-4.8673

0.0000, NaN, NaN

■ 46.9687, 15.4399,
-6.6806

■ 46.9687, 15.4399,
-6.6806

■ 43.1342, 22.8626,
-10.3221

■ 51.1213, 8.0639,
-2.8809

■ 39.6678, 30.1986,
-13.7035

■ 55.5436, 0.8105,
1.0055

■ 36.6299, 37.2166,
-16.6744

■ 60.1992, -6.2924,
4.9374

■ 34.0816, 43.5799,
-19.0424

■ 65.0574, -13.2401,
8.8899

■ 32.0758, 48.8694,
-20.5975

■ 70.0931, -20.0409,
12.8494

■ 30.6417, 52.6742,
-21.1691

■ 75.2858, -26.7092,
16.8090

■ 29.7576, 54.7799,
-20.7225

■ 80.6186, -33.2617,
20.7658

■ 29.4350, 55.4905,
-20.3764

■ 86.0776, -39.7150,
24.7195

■ 90.4837, -44.6641,
27.6281

Harmonies

Analogous

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



46.9697, 7.9933, -15.4153



46.9687, 15.4399, -6.6806



46.9697, 17.9648, 3.2159

Triad

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



46.9697, 15.4384, -6.6796



46.9697, -3.2047, 17.2374



46.9697, -17.5040, -8.0688

Complementary

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



46.9687, 15.4399, -6.6806



54.2007, -18.7900, 11.8441

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.



46.9697, -19.9830, 1.8878



46.9687, 15.4399, -6.6806



46.9697, -12.1620, 15.4045

Square

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



46.9697, 15.4384, -6.6796



46.9697, 6.6865, 15.8603



46.9697, -18.1096, 10.2302



46.9697, -11.0468, -16.3267

Rectangle

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



46.9687, 15.4399, -6.6806



46.9697, 16.3654, 8.8476



46.9697, -18.1096, 10.2302



46.9697, -18.8050, -4.7462

Sweetspot

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



46.9697, 15.4384, -6.6796



72.7130, 3.6655, -0.0551



44.1792, 7.1523, -15.4610



33.7102, 2.3652, -0.3739



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



46.9697, 15.4384, -6.6796



59.6603, 26.7433, -11.9552



46.3429, 12.2238, 2.1978



25.9458, 1.7023, -0.2261



26.5370, 50.0438, -18.4986



3.6226, 6.9528, -3.4655

Inverse Universe

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



46.9697, 15.4384, -6.6796



59.6603, 26.7433, -11.9552



54.7182, -15.8183, 4.4131



25.9458, 1.7023, -0.2261



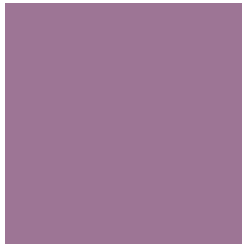
26.5370, 50.0438, -18.4986



3.6226, 6.9528, -3.4655

Previews

White Background



This preview shows how the HunterLab color 46.9687, 15.4399, -6.6806 looks on a white background.

Color Contrast Check

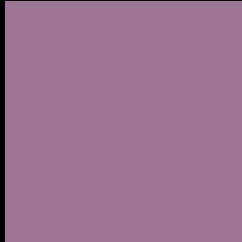
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.9687, 15.4399, -6.6806 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 46.9687, 15.4399, -6.6806 Background



This preview shows how black text looks on a background with the HunterLab color 46.9687, 15.4399, -6.6806.



This preview shows how white text looks on a background with the HunterLab color 46.9687, 15.4399, -6.6806.

-6.6806.

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

46.9687, 15.4399, -6.6806

Protanopia

46.9932, 1.2259, -11.2667

Deuteranopia

47.0070, 3.4004, -5.7916



Tritanopia

46.8131, 9.8650, 2.2709

Trichromacy



Original Color

46.9687, 15.4399, -6.6806

Protanomaly

46.7967, 5.9587, -9.7934

Deuteranomaly

46.9626, 7.4544, -6.3027

Tritanomaly

46.8704, 11.7760, -0.8506

Monochromacy



Original Color

46.9687, 15.4399, -6.6806

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

47.7427, 3.9565, -0.8459

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.9687, 15.4399, -6.6806 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(157, 117, 149)` looks like.

```
.text, #text, p{  
    color:rgb(157, 117, 149)  
}
```

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(157, 117, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 117, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 46.9687, 15.4399, -6.6806 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(157, 117, 149) }
```


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

```
.border{ border-color:rgb(157, 117, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 117, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 117, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 117, 149);  
box-shadow:4px 4px 4px 4px rgb(157, 117,  
149) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.9687, 15.4399, -6.6806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 117, 149) }
```

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

```
.background{ background-color: rgb(157,  
117, 149) }
```

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