

Converting Colors

HunterLab(47.6829, 46.7777,
-55.0071)

Have a look what the booklet for
HunterLab(47.6829, 46.7777,
-55.0071) contains.

HunterLab(47.7164, 46.6085, -54.7801)	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(47.7164, 46.6085,
-54.7801)**

Conversions

Conversions Part 1

Format	Color
Hex	AE61DD
RGB	174, 97, 221
RGB Percent	68%, 38%, 87%
CMY	0.3176, 0.6196, 0.1333
CMYK	0.21, 0.56, 0.00, 0.13
HSL	277°, 65%, 62%
HSV	277°, 56%, 87%
XYZ	34.7814, 22.7685, 70.9683
YIQ	134.1590, 6.0880, 54.8880

Conversions

Conversions Part 2

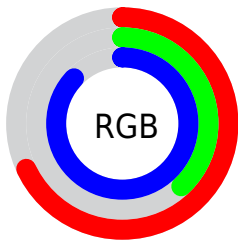
Format	Color
RYB	174, 97, 221
Decimal	11428317
CIELab	54.83, 52.32, -51.28
CIElCh	55, 73.258, 315.575
Yxy	22.7695, 0.2706, 0.1772
Android (android.graphics.Color)	4289618397 (0xFFAE61DD)
YUV	134.1590, 42.8126, 34.9406
Hunter-Lab	47.7164, 46.6085, -54.7801

Details

The HunterLab color $47.7164, 46.6085, -54.7801$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $76.4891, -41.6380, 37.6363$, and the grayscale version is $48.7242, -2.5998, 2.6473$.

A 20% lighter version of the original color is $67.9621, 44.5244, -39.8782$, and $28.9301, 42.9312, -54.3756$ is the 20% darker color. If you saturate the color by 10%, you get $42.7857, 55.3248, -67.4617$, and if you desaturate by 10%, it is $53.3198, 37.3900, -42.5565$.

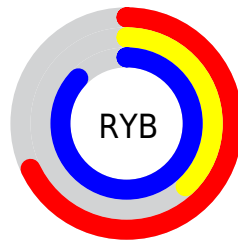
Distribution



Red (68%)

Green (38%)

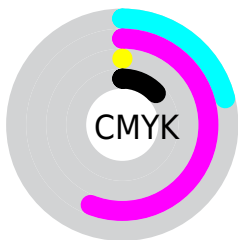
Blue (87%)



Red (68%)

Yellow (38%)

Blue (87%)

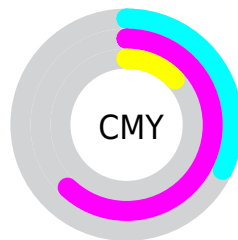


Cyan (21%)

Magenta (56%)

Yellow (0%)

Black (13%)



Cyan (32%)

Magenta (62%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.7164, 46.6085, -54.7801 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 47.7164, 46.6085, -54.7801 by changing the saturation by 10% instead.

47.7164, 46.6085,
-54.7801

47.7164, 46.6085,
-54.7801

163.2601, 58.8430,
-61.0620

37.9781, 44.7468,
-54.3383

69.2925, 50.0052,
-56.1268

29.0098, 42.7948,
-54.2756

81.0446, 51.5429,
-56.8829

20.8856, 40.8063,
-54.9929

93.3948, 52.9795,
-57.6439

13.7044, 38.9534,
-57.4891

106.3156, 54.3209,
-58.3908

7.3155, 40.4573,
-68.0192

119.7827, 55.5727,
-59.1119

0.0000, INF, -NF

0.0000, NaN, -NF

133.7749, 56.7404,

-59.8001

0.0000, NaN, -NF

148.2730, 57.8290,
-60.4509

0.0000, NaN, NaN

■ 47.7164, 46.6085,
-54.7801

■ 47.7164, 46.6085,
-54.7801

■ 42.7857, 55.3248,
-67.4617

■ 53.3198, 37.3900,
-42.5565

■ 38.6549, 62.8929,
-80.0047

■ 59.4769, 28.0585,
-31.0515

■ 35.4438, 68.4333,
-91.3921

■ 66.0931, 18.8084,
-20.3103

■ 33.2053, 71.1410,
-100.4383

■ 73.0933, 9.7207,
-10.2788

■ 32.4943, 71.7129,
-103.5390

■ 80.4189, 0.8152,
-0.8661

■ 88.0244, -7.9171,
8.0251

■ 95.8739, -16.4975,
16.4842

■ 97.6953, -15.4949,
18.4128

■ 98.4643, -12.7506,
19.2589

Harmonies

Analogous

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



47.7173, 14.1276, -87.5999



47.7164, 46.6085, -54.7801



47.7173, 68.0189, -13.3784

Triad

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



47.7173, 46.6077, -54.7783



47.7173, 12.8532, 31.1351



47.7173, -46.7083, -14.8127

Complementary

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



47.7164, 46.6085, -54.7801



76.4891, -41.6380, 37.6363

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.



47.7173, -46.8870, 14.4461



47.7164, 46.6085, -54.7801



47.7173, -17.2089, 31.0842

Square

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



47.7173, 46.6077, -54.7783



47.7173, 45.4762, 27.6489



47.7173, -37.4420, 27.3880



47.7173, -36.8718, -56.3740

Rectangle

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



47.7164, 46.6085, -54.7801



47.7173, 70.4028, 7.6750



47.7173, -37.4420, 27.3880



47.7173, -47.7994, -3.1079

Sweetspot

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



47.7173, 46.6077, -54.7783



85.0929, 12.5216, -13.2666



52.7932, 2.4047, -44.2523



38.5851, 6.7885, -7.2213

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.7173, 46.6077, -54.7783



49.5606, 66.4404, -81.4784



53.2959, 58.4509, -31.4751



36.0771, 1.7369, -1.8188



24.9009, 54.8221, -78.3149



6.7119, 14.4214, -18.3533

Inverse Universe

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



50.9273, 48.0212, 1.5029



54.5810, 67.4760, 3.9695



74.4398, -49.5035, 32.9163



36.2392, 1.8911, 1.4379



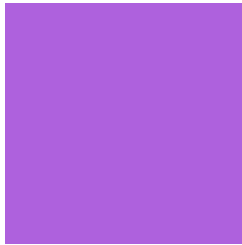
30.5287, 53.5590, 9.8221



7.8756, 14.0170, 0.9821

Previews

White Background



This preview shows how the HunterLab color 47.7164, 46.6085, -54.7801 looks on a white background.

Color Contrast Check

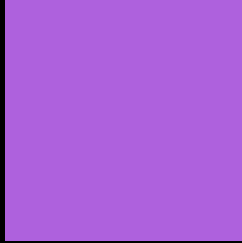
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.7164, 46.6085, -54.7801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

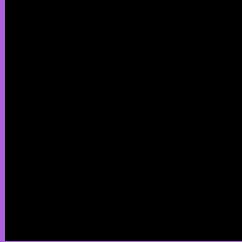
Any Text WCAG AA ✓ Pass

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 47.7164, 46.6085, -54.7801 Background



This preview shows how black text looks on a background with the HunterLab color 47.7164, 46.6085, -54.7801.



This preview shows how white text looks on a background with the HunterLab color 47.7164, 46.6085, -54.7801.

-54.7801.

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

47.7164, 46.6085, -54.7801

Protanopia

48.1331, 15.8534, -82.4850

Deuteranopia

48.0696, 4.1901, -48.7744



Tritanopia

47.5998, 11.0685, 3.2187

Trichromacy



Original Color

47.7164, 46.6085, -54.7801



Protanomaly

46.5463, 24.2606, -75.9020



Deuteranomaly

46.7421, 18.2219, -54.1469



Tritanomaly

47.0374, 22.8583, -14.2918

Monochromacy



Original Color

47.7164, 46.6085, -54.7801



Achromatopsia

48.8260, -2.6052, 2.6528



Achromatomaly

47.7676, 13.9932, -15.0994

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.7164, 46.6085, -54.7801 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(174, 97, 221)` looks like.

```
.text, #text, p{  
    color:rgb(174, 97, 221)  
}
```

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(174, 97, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 97, 221) }
```

Border

The CSS property to change the border of an element to HunterLab 47.7164, 46.6085, -54.7801 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(174, 97, 221) }
```


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

```
.border{ border-color:rgb(174, 97, 221) }
```

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

Here you see how a box with a 4 pixel rgb(174, 97, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 97, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 97, 221);  
box-shadow:4px 4px 4px 4px rgb(174, 97,  
221) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.7164, 46.6085, -54.7801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 97, 221) }
```

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

```
.background{ background-color: rgb(174, 97,  
221) }
```

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