

# Converting Colors

HunterLab(46.2490, 31.6640,  
-20.4759)

Have a look what the booklet for  
HunterLab(46.2490, 31.6640,  
-20.4759) contains.

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# Color

**HunterLab(46.2725, 31.7194,  
-20.2987)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC67AB
RGB	172, 103, 171
RGB Percent	67%, 40%, 67%
CMY	0.3255, 0.5961, 0.3294
CMYK	0.00, 0.40, 0.01, 0.33
HSL	301°, 29%, 54%
HSV	301°, 40%, 67%
XYZ	29.2142, 21.4114, 41.1211
YIQ	131.3830, 19.2960, 35.7760

# Conversions

## Conversions Part 2

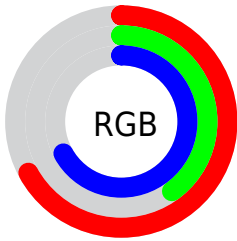
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 103, 171
Decimal	11298731
CIE <sub>Lab</sub>	53.40, 38.31, -24.91
CIE <sub>LCh</sub>	53, 45.697, 326.961
Yxy	21.4124, 0.3184, 0.2334
Android (android.graphics.Color)	4289488811 (0xFFAC67AB)
YUV	131.3830, 19.5312, 35.6211
Hunter-Lab	46.2725, 31.7194, -20.2987

# Details

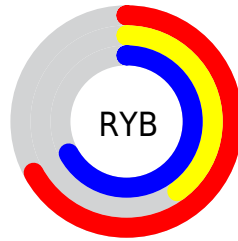
The HunterLab color  $46.2725, 31.7194, -20.2987$  is a dark color, and the websafe version is hex  $996699$ . A complement of this color would be  $57.7831, -30.5471, 21.6314$ , and the grayscale version is  $47.7130, -2.5458, 2.5923$ .

A 20% lighter version of the original color is  $67.8093, 34.1875, -21.1604$ , and  $27.8023, 28.8657, -19.5821$  is the 20% darker color. If you saturate the color by 10%, you get  $42.8088, 40.3882, -26.1036$ , and if you desaturate by 10%, it is  $50.2023, 22.8291, -14.3161$ .

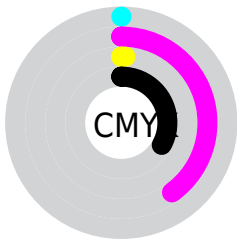
# Distribution



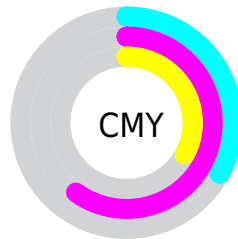
- Red (67%)
- Green (40%)
- Blue (67%)



- Red (67%)
- Yellow (40%)
- Blue (67%)



- Cyan (0%)
- Magenta (40%)
- Yellow (1%)
- Black (33%)



- Cyan (33%)
- Magenta (60%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.2725, 31.7194, -20.2987 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 46.2725, 31.7194, -20.2987 by changing the saturation by 10% instead.



46.2725, 31.7194,  
-20.2987

46.2725, 31.7194,  
-20.2987

161.0783, 39.7042,  
-22.1547

36.6412, 30.3306,  
-19.8102

67.6556, 34.1357,  
-21.1051

27.7892, 28.8157,  
-19.2859

79.3193, 35.1843,  
-21.4195

19.7935, 27.1807,  
-18.7704

91.5855, 36.1375,  
-21.6753

12.7581, 25.4823,  
-18.3993

104.4259, 37.0028,  
-21.8746

6.1333, 29.3712,  
-21.8577

117.8159, 37.7867,  
-22.0198

0.0000, INF, -NF

0.0000, NaN, NaN

131.7339, 38.4949,

-22.1133

0.0000, NaN, NaN

146.1604, 39.1326,  
-22.1575

0.0000, NaN, NaN

■ 46.2725, 31.7194,  
-20.2987

■ 46.2725, 31.7194,  
-20.2987

■ 42.8088, 40.3882,  
-26.1036

■ 50.2023, 22.8291,  
-14.3161

■ 39.8745, 48.4927,  
-31.4990

■ 54.5313, 13.9497,  
-8.3160

■ 37.5309, 55.5754,  
-36.1772

■ 59.2038, 5.2093,  
-2.3877

■ 35.8175, 61.1488,  
-39.8141

■ 64.1716, -3.3307,  
3.4240

■ 34.7344, 64.8451,  
-42.1689

■ 69.3946, -11.6510,  
9.1033

■ 34.1386, 66.9100,  
-43.4172

■ 74.8397, -19.7561,  
14.6509

■ 80.4799, -27.6628,  
20.0758

■ 86.2930, -35.3930,  
25.3913

■ 91.2784, -41.7386,  
29.7535

# Harmonies

## Analogous

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



46.2735, 14.9969, -39.5511



46.2725, 31.7194, -20.2987



46.2735, 39.2175, 0.6671

# Triad

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



46.2735, 31.7178, -20.2974



46.2735, -0.5484, 25.3194



46.2735, -30.3725, -15.8409

# Complementary

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



46.2725, 31.7194, -20.2987



57.7831, -30.5471, 21.6314

# 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.



46.2735, -33.1984, 4.2970



46.2725, 31.7194, -20.2987



46.2735, -17.6803, 23.8192

# Square

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



46.2735, 31.7178, -20.2974



46.2735, 18.8244, 23.0052



46.2735, -28.9356, 17.5636



46.2735, -20.4997, -36.3397



# Rectangle

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



46.2725, 31.7194, -20.2987



46.2735, 37.2171, 11.4322



46.2735, -28.9356, 17.5636



46.2735, -32.1026, -8.6194

# Sweetspot

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



46.2735, 31.7178, -20.2974



78.3842, 9.4686, -4.8816



39.4509, 11.9115, -34.1401



36.1703, 5.0937, -2.7371



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912



# Same Dimension

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



46.2735, 31.7178, -20.2974



58.2067, 52.9645, -34.2007



45.0474, 25.8390, -3.1887



28.5413, 2.1619, -0.9173



29.4507, 57.7238, -37.4700



4.9184, 9.6496, -6.3313



# Inverse Universe

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



46.2735, 31.7178, -20.2974



58.2067, 52.9645, -34.2007



58.4893, -26.3707, 11.3961



28.5413, 2.1619, -0.9173



29.4507, 57.7238, -37.4700

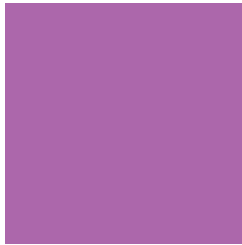


4.9184, 9.6496, -6.3313



# Previews

## White Background



This preview shows how the HunterLab color 46.2725, 31.7194, -20.2987 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

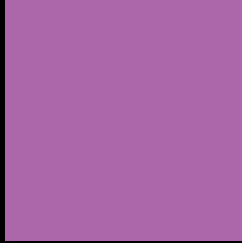
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 46.2725, 31.7194, -20.2987 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

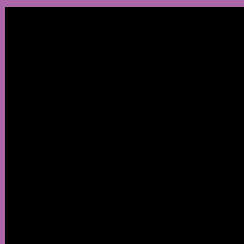
Any Text WCAG AA ✓ Pass

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 46.2725, 31.7194, -20.2987 Background



This preview shows how black text looks on a background with the HunterLab color 46.2725, 31.7194, -20.2987.



This preview shows how white text looks on a background with the HunterLab color 46.2725, 31.7194, -20.2987.

-20.2987.

# 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

46.2725, 31.7194, -20.2987

### Protanopia

46.6065, 5.4150, -32.4326

### Deuteranopia

46.5120, 3.2013, -17.8864



## Tritanopia

46.1762, 16.3886, 5.0991

# Trichromacy



## Original Color

46.2725, 31.7194, -20.2987

## Protanomaly

45.9995, 13.7265, -28.4577

## Deuteranomaly

46.0297, 12.6254, -19.1337

## Tritanomaly

45.9952, 21.7714, -3.2593

# Monochromacy



## Original Color

46.2725, 31.7194, -20.2987

## Achromatopsia

47.6409, -2.5420, 2.5884

## Achromatomaly

46.7558, 9.3432, -5.5100

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 46.2725, 31.7194, -20.2987 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(172, 103, 171)` looks like.

```
.text, #text, p{  
    color:rgb(172, 103, 171)  
}
```

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(172, 103, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 103, 171) }
```

## Border

The CSS property to change the border of an element to HunterLab 46.2725, 31.7194, -20.2987 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(172, 103, 171) }
```



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

```
.border{ border-color:rgb(172, 103, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 103, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 103, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 103, 171);  
box-shadow:4px 4px 4px 4px rgb(172, 103,  
171) }
```

# Background

The CSS property to change the background color of an element to HunterLab 46.2725, 31.7194, -20.2987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 103, 171) }
```

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

```
.background{ background-color: rgb(172,  
103, 171) }
```

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](#).

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