

Converting Colors

HunterLab(28.7870, 45.9873,
-62.8840)

Have a look what the booklet for
HunterLab(28.7870, 45.9873,
-62.8840) contains.

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Color

**HunterLab(28.7188, 46.1066,
-63.1167)**

Conversions

Conversions Part 1

Format	Color
Hex	7428AD
RGB	116, 40, 173
RGB Percent	45%, 16%, 68%
CMY	0.5451, 0.8431, 0.3216
CMYK	0.33, 0.77, 0.00, 0.32
HSL	274°, 62%, 42%
HSV	274°, 77%, 68%
XYZ	15.5040, 8.2477, 40.3099
YIQ	77.8860, 2.6030, 57.4750

Conversions

Conversions Part 2

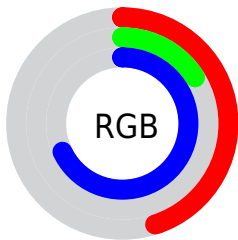
Format	Color
R_{YB}	116, 40, 173
Decimal	7612589
CIE _{Lab}	34.49, 55.55, -56.55
CIE _{LCh}	34, 79.270, 314.489
Yxy	8.2480, 0.2420, 0.1287
Android (android.graphics.Color)	4285802669 (0xFF7428AD)
YUV	77.8860, 46.8912, 33.4260
Hunter-Lab	28.7188, 46.1066, -63.1167

Details

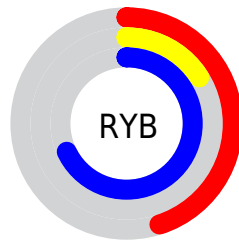
The HunterLab color **28.7188, 46.1066, -63.1167** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **57.0804, -36.5460, 32.4476**, and the grayscale version is **27.3972, -1.4618, 1.4885**.

A 20% lighter version of the original color is **47.4835, 49.9014, -62.4278**, and **15.1412, 34.7261, -58.4036** is the 20% darker color. If you saturate the color by 10%, you get **26.1597, 50.4281, -72.6029**, and if you desaturate by 10%, it is **31.9609, 40.4031, -52.9395**.

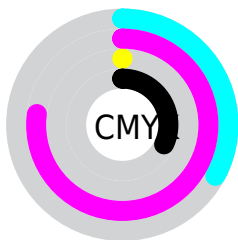
Distribution



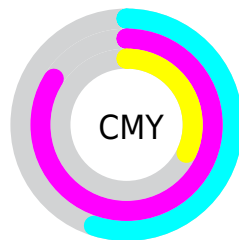
- Red (45%)
- Green (16%)
- Blue (68%)



- Red (45%)
- Yellow (16%)
- Blue (68%)



- Cyan (33%)
- Magenta (77%)
- Yellow (0%)
- Black (32%)



- Cyan (55%)
- Magenta (84%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.7188, 46.1066, -63.1167 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 28.7188, 46.1066, -63.1167 by changing the saturation by 10% instead.

■ 28.7188, 46.1066,
-63.1167

■ 28.7188, 46.1066,
-63.1167

■ 133.2908, 60.9960,
-68.1738

■ 20.6253, 44.0699,
-64.5132

■ 47.3742, 50.1018,
-63.0525

■ 13.4783, 42.2525,
-68.3691

■ 57.8041, 51.9619,
-63.5817

■ 7.0535, 44.9786,
-83.8140

■ 68.9038, 53.7157,
-64.2644

0.0000, INF, -NF

■ 80.6350, 55.3641,
-65.0250

0.0000, NaN, -NF

■ 92.9654, 56.9112,
-65.8190

0.0000, NaN, -NF

■ 105.8672, 58.3620,

0.0000, NaN, NaN

-66.6189

0.0000, NaN, NaN

119.3162, 59.7219,
-67.4075

■ 28.7188, 46.1066,
-63.1167

■ 28.7188, 46.1066,
-63.1167

■ 26.1597, 50.4281,
-72.6029

■ 31.9609, 40.4031,
-52.9395

■ 24.3129, 52.8064,
-80.5057

■ 35.7871, 33.9661,
-42.8533

■ 23.7947, 53.4287,
-82.9136

■ 40.0980, 27.2436,
-33.2728

■ 44.8076, 20.4880,
-24.3448

■ 49.8465, 13.8190,
-16.0681

■ 55.1610, 7.2810,
-8.3772

■ 60.7094, 0.8797,
-1.1867

■ 66.4593, -5.3961,
5.5870

■ 72.3854, -11.5644,
12.0182

Harmonies

Analogous

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



28.7193, 13.0367, -103.4005



28.7188, 46.1066, -63.1167



28.7193, 69.8756, -15.5458

Triad

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



28.7193, 46.1067, -63.1153



28.7193, 14.1351, 20.1035



28.7193, -37.0395, -14.2135

Complementary

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



28.7188, 46.1066, -63.1167



57.0804, -36.5460, 32.4476

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.



28.7193, -36.9362, 12.0767



28.7188, 46.1066, -63.1167



28.7193, -13.6770, 20.1035

Square

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



28.7193, 46.1067, -63.1153



28.7193, 47.1686, 19.5374



28.7193, -30.1301, 19.6817



28.7193, -30.5003, -61.3892

Rectangle

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



28.7188, 46.1066, -63.1167



28.7193, 73.1456, 5.2513



28.7193, -30.1301, 19.6817



28.7193, -37.6704, -2.6897

Sweetspot

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



28.7193, 46.1067, -63.1153



69.1414, 15.4312, -17.8425



34.8358, 4.3765, -45.7462



31.0885, 8.6331, -10.0387



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.



28.7193, 46.1067, -63.1153



33.2605, 69.8745, -104.4999



36.1761, 58.5931, -34.3488



28.2393, 1.1523, -1.3756



20.4786, 45.8935, -70.6681



3.8484, 8.1927, -9.9334

Inverse Universe

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



33.5633, 48.4284, 1.5519



41.7035, 71.2787, 7.3937



55.2802, -43.8805, 30.1944



28.4081, 1.4478, 0.9756



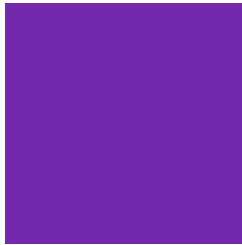
26.2725, 46.4220, 5.8943



4.5069, 8.1964, -0.7949

Previews

White Background



This preview shows how the HunterLab color 28.7188, 46.1066, -63.1167 looks on a white background.

Color Contrast Check

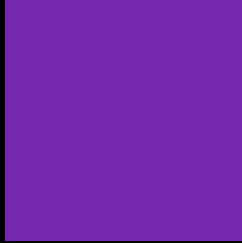
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 28.7188, 46.1066, -63.1167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

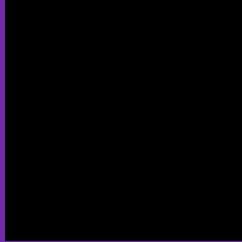
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 28.7188, 46.1066, -63.1167 Background



This preview shows how black text looks on a background with the HunterLab color 28.7188, 46.1066, -63.1167.



This preview shows how white text looks on a background with the HunterLab color 28.7188, 46.1066, -63.1167.

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

28.7188, 46.1066, -63.1167

Protanopia

28.9517, 9.5774, -56.8619

Deuteranopia

28.9568, 0.3735, -36.9998



Tritanopia

28.7730, 6.3918, 1.8007

Trichromacy



Original Color

28.7188, 46.1066, -63.1167

Protanomaly

26.7159, 20.1051, -66.4888

Deuteranomaly

26.4444, 14.0565, -52.9863

Tritanomaly

27.6829, 19.8112, -16.6910

Monochromacy



Original Color

28.7188, 46.1066, -63.1167

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

26.7102, 14.9241, -17.9587

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7188, 46.1066, -63.1167 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(116, 40, 173)` looks like.

```
.text, #text, p{  
    color:rgb(116, 40, 173)  
}
```

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(116, 40, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 40, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7188, 46.1066, -63.1167 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(116, 40, 173) }
```


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

```
.border{ border-color:rgb(116, 40, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 40, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 40, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 40, 173);  
box-shadow:4px 4px 4px 4px rgb(116, 40,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.7188, 46.1066, -63.1167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 40, 173) }
```

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

```
.background{ background-color: rgb(116, 40,  
173) }
```

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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