

Converting Colors

HunterLab(58.7115, 47.4340,
-29.5673)

Have a look what the booklet for
HunterLab(58.7115, 47.4340,
-29.5673) contains.

HunterLab(58.7774, 47.2409, -29.1728)	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(58.7774, 47.2409,
-29.1728)**

Conversions

Conversions Part 1

Format	Color
Hex	DD7BD9
RGB	221, 123, 217
RGB Percent	87%, 48%, 85%
CMY	0.1333, 0.5176, 0.1490
CMYK	0.00, 0.44, 0.02, 0.13
HSL	302°, 59%, 67%
HSV	302°, 44%, 87%
XYZ	49.4261, 34.5478, 69.7090
YIQ	163.0180, 28.2340, 50.0100

Conversions

Conversions Part 2

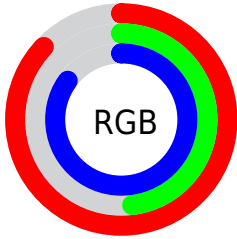
Format	Color
R _Y B	221, 123, 217
Decimal	14515161
CIE Lab	65.40, 51.23, -32.04
CIE LCh	65, 60.426, 327.982
Yxy	34.5494, 0.3216, 0.2248
Android (android.graphics.Color)	4292705241 (0xFFDD7BD9)
YUV	163.0180, 26.6131, 50.8502
Hunter-Lab	58.7774, 47.2409, -29.1728

Details

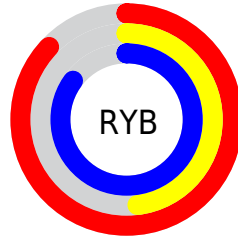
The HunterLab color $58.7774, 47.2409, -29.1728$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $75.8007, -43.5030, 30.2397$, and the grayscale version is $60.4136, -3.2235, 3.2824$.

A 20% lighter version of the original color is $77.6665, 36.9389, -23.7185$, and $38.5765, 43.6431, -28.0018$ is the 20% darker color. If you saturate the color by 10%, you get $54.4282, 58.4668, -36.2797$, and if you desaturate by 10%, it is $63.8062, 35.4977, -21.6346$.

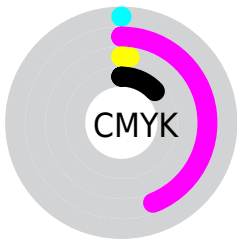
Distribution



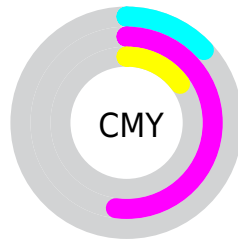
- Red (87%)
- Green (48%)
- Blue (85%)



- Red (87%)
- Yellow (48%)
- Blue (85%)



- Cyan (0%)
- Magenta (44%)
- Yellow (2%)
- Black (13%)



- Cyan (13%)
- Magenta (52%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.7774, 47.2409, -29.1728 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 58.7774, 47.2409, -29.1728 by changing the saturation by 10% instead.

■ 58.7774, 47.2409,
-29.1728

■ 58.7774, 47.2409,
-29.1728

179.6037, 58.3009,
-32.1691

■ 48.2866, 45.5272,
-28.5935

■ 81.7234, 50.3351,
-30.1956

■ 38.5058, 43.7060,
-27.9931

■ 94.1064, 51.7297,
-30.6313

■ 29.4925, 41.7879,
-27.4096

■ 107.0585, 53.0297,
-31.0140

■ 21.3184, 39.8194,
-26.9351

120.5557, 54.2410,
-31.3444

■ 14.0809, 37.9495,
-26.8092

134.5768, 55.3690,
-31.6235

■ 7.7292, 38.3206,
-28.7782

149.1029, 56.4187,

0.0000, INF, -NF

-31.8528

0.0000, NaN, -NF

164.1169, 57.3947,
-32.0342

0.0000, NaN, NaN

■ 58.7774, 47.2409,
-29.1728

■ 58.7774, 47.2409,
-29.1728

■ 54.4282, 58.4668,
-36.2797

■ 63.8062, 35.4977,
-21.6346

■ 50.8455, 68.6204,
-42.5897

■ 69.4186, 23.6351,
-13.9356

■ 48.1036, 77.0242,
-47.6659

■ 75.5321, 11.8866,
-6.2401

■ 46.2335, 83.0565,
-51.1204

■ 82.0746, 0.3740,
1.3610

■ 45.1951, 86.4043,
-52.7768

■ 88.9859, -10.8545,
8.8257

■ 44.8607, 87.4187,
-53.1305

■ 96.0149, -21.4935,
15.9334

■ 96.0402, -21.3504,
15.5694

■ 96.0656, -21.2067,
15.2037

■ 96.0912, -21.0624,
14.8362

Harmonies

Analogous

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



58.7787, 23.0427, -58.6297



58.7774, 47.2409, -29.1728



58.7787, 57.7261, 1.4475

Triad

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



58.7787, 47.2387, -29.1710



58.7787, -1.3143, 34.1291



58.7787, -42.0717, -24.7573

Complementary

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



58.7774, 47.2409, -29.1728



75.8007, -43.5030, 30.2397

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.



58.7787, -46.2785, 4.8992



58.7774, 47.2409, -29.1728



58.7787, -25.4143, 32.1119

Square

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



58.7787, 47.2387, -29.1710



58.7787, 26.7489, 31.4327



58.7787, -40.7581, 23.7054



58.7787, -28.0388, -55.3781

Rectangle

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



58.7774, 47.2409, -29.1728



58.7787, 54.3362, 16.4092



58.7787, -40.7581, 23.7054



58.7787, -44.5582, -14.0332

Sweetspot

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



58.7787, 47.2387, -29.1710



89.7530, 12.2863, -6.2246



48.8304, 19.7497, -52.6259



40.7559, 7.0933, -3.8067

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.7787, 47.2387, -29.1710



64.4411, 67.5883, -41.9305



56.9160, 38.5140, -3.2213



36.4214, 2.8677, -1.1525



34.1978, 66.6497, -40.5758



8.7211, 17.0224, -10.5456

Inverse Universe

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



58.7787, 47.2387, -29.1710



64.4411, 67.5883, -41.9305



76.8315, -37.3649, 15.2840



36.4214, 2.8677, -1.1525



34.1978, 66.6497, -40.5758



8.7211, 17.0224, -10.5456

Previews

White Background



This preview shows how the HunterLab color 58.7774, 47.2409, -29.1728 looks on a white background.

Color Contrast Check

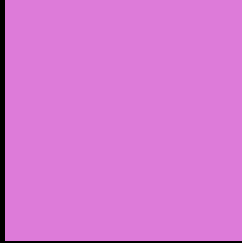
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 58.7774, 47.2409, -29.1728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

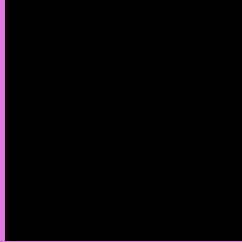
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 58.7774, 47.2409, -29.1728 Background



This preview shows how black text looks on a background with the HunterLab color 58.7774, 47.2409, -29.1728.



This preview shows how white text looks on a background with the HunterLab color 58.7774, 47.2409, -29.1728.

-29.1728.

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

58.7774, 47.2409, -29.1728

Protanopia

59.0743, 8.7814, -49.3453

Deuteranopia

59.1000, 4.3060, -25.3336



Tritanopia

58.7308, 24.7313, 7.9181

Trichromacy



Original Color

58.7774, 47.2409, -29.1728



Protanomaly

57.9383, 20.9949, -43.5892



Deuteranomaly

58.2573, 18.6768, -27.8418



Tritanomaly

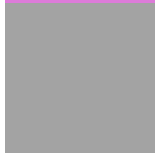
58.6771, 32.2202, -3.7421

Monochromacy



Original Color

58.7774, 47.2409, -29.1728



Achromatopsia

60.5188, -3.2291, 3.2881



Achromatomaly

58.9822, 14.5185, -8.4347

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.7774, 47.2409, -29.1728 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(221, 123, 217)` looks like.

```
.text, #text, p{  
    color:rgb(221, 123, 217)  
}
```

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(221, 123, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 123, 217) }
```

Border

The CSS property to change the border of an element to HunterLab 58.7774, 47.2409, -29.1728 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(221, 123, 217) }
```


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

```
.border{ border-color:rgb(221, 123, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 123, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 123, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 123, 217); box-shadow:4px 4px 4px 4px rgb(221, 123, 217) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.7774, 47.2409, -29.1728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 123, 217) }
```

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

```
.background{ background-color: rgb(221,  
123, 217) }
```

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