

Converting Colors

HunterLab(42.8311, -1.2411,
-48.3413)

Have a look what the booklet for
HunterLab(42.8311, -1.2411,
-48.3413) contains.

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Color

**HunterLab(42.7045, -0.9788,
-48.7207)**

Conversions

Conversions Part 1

Format	Color
Hex	187AC7
RGB	24, 122, 199
RGB Percent	9%, 48%, 78%
CMY	0.9058, 0.5216, 0.2196
CMYK	0.88, 0.39, 0.00, 0.22
HSL	206°, 78%, 44%
HSV	206°, 88%, 78%
XYZ	17.6450, 18.2367, 56.6228
YIQ	101.4760, -83.1250, 3.1710

Conversions

Conversions Part 2

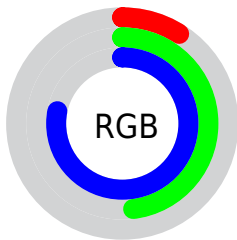
Format	Color
R_{YB}	24, 87, 199
Decimal	1604295
CIE _{Lab}	49.78, 1.69, -47.41
CIE _{LCh}	50, 47.445, 272.041
Yxy	18.2373, 0.1908, 0.1971
Android (android.graphics.Color)	4279794375 (0xFF187AC7)
YUV	101.4760, 48.0793, -67.9465
Hunter-Lab	42.7045, -0.9788, -48.7207

Details

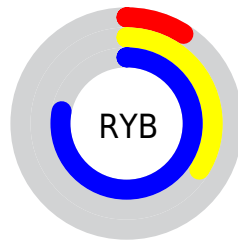
The HunterLab color **42.7045, -0.9788, -48.7207** is a dark color, and the websafe version is hex **336699**. The color can be described as dark washed azure. A complement of this color would be **46.3896, 27.9982, 27.9691**, and the grayscale version is **36.1036, -1.9264, 1.9616**.

A 20% lighter version of the original color is **63.5419, -2.2597, -49.1625**, and **26.2891, 4.8015, -43.2242** is the 20% darker color. If you saturate the color by 10%, you get **40.0186, 2.6404, -55.3479**, and if you desaturate by 10%, it is **45.6344, -3.8668, -42.1500**.

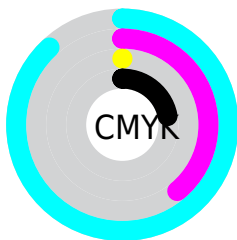
Distribution



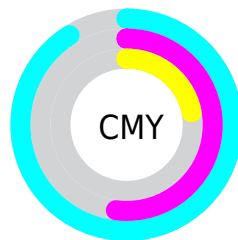
- Red (9%)
- Green (48%)
- Blue (78%)



- Red (9%)
- Yellow (34%)
- Blue (78%)



- Cyan (88%)
- Magenta (39%)
- Yellow (0%)
- Black (22%)



- Cyan (91%)
- Magenta (52%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.7045, -0.9788, -48.7207 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 42.7045, -0.9788, -48.7207 by changing the saturation by 10% instead.

■ 42.7045, -0.9788,
-48.7207

■ 42.7045, -0.9788,
-48.7207

■ 155.6294, -6.3141,
-54.6819

■ 33.3474, -0.5800,
-48.3002

■ 63.5935, -1.9108,
-50.0322

■ 24.7950, -0.2345,
-48.2904

■ 75.0315, -2.4382,
-50.7624

■ 17.1326, 0.0507,
-49.1871

■ 87.0833, -3.0026,
-51.4913

■ 10.4786, 0.2636,
-52.3727

■ 99.7191, -3.6019,
-52.2006

0.0000, INF, -NF

0.0000, NaN, -NF

■ 112.9131, -4.2342,
-52.8795

0.0000, NaN, -NF

126.6425, -4.8979,

0.0000, NaN, NaN

-53.5214

0.0000, NaN, NaN

140.8873, -5.5916,
-54.1229

■ 42.7045, -0.9788,
-48.7207

■ 42.7045, -0.9788,
-48.7207

■ 40.0186, 2.6404,
-55.3479

■ 45.6344, -3.8668,
-42.1500

■ 39.4796, 3.4339,
-56.7590

■ 48.8082, -5.9838,
-35.6665

■ 52.2120, -7.3622,
-29.3142

■ 55.8282, -8.0597,
-23.1236

■ 59.6389, -8.1437,
-17.1104

■ 63.6267, -7.6828,
-11.2784

■ 67.7756, -6.7415,
-5.6232

■ 72.0713, -5.3784,
-0.1349

■ 76.5012, -3.6452,
5.1990

Harmonies

Analogous

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



42.7052, -18.0299, -40.9170



42.7045, -0.9788, -48.7207



42.7052, 18.7777, -38.6313

Triad

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



42.7052, -0.9780, -48.7197



42.7052, 33.1282, 16.9073



42.7052, -29.8918, 15.5721

Complementary

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



42.7045, -0.9788, -48.7207



46.3896, 27.9982, 27.9691

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.



42.7052, -19.9139, 22.4818



42.7045, -0.9788, -48.7207



42.7052, 16.1434, 22.9833

Square

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



42.7052, -0.9780, -48.7197



42.7052, 40.4825, 3.5384



42.7052, -3.5685, 24.4601



42.7052, -32.8886, 1.0740

Rectangle

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



42.7045, -0.9788, -48.7207



42.7052, 30.3444, -24.9018



42.7052, -3.5685, 24.4601



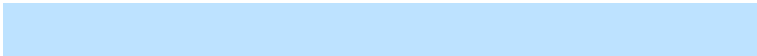
42.7052, -27.3400, 18.5995

Sweetspot

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



42.7052, -0.9780, -48.7197



85.0281, -10.0129, -13.7512



64.7755, -49.7188, 28.0440



38.4627, -4.7832, -7.5983

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.7052, -0.9780, -48.7197



51.7695, 5.3964, -76.3566



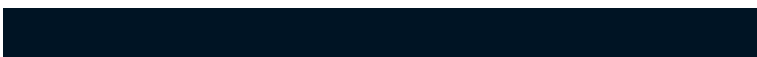
23.5817, 44.3239, -120.5454



33.5501, -2.6303, -0.4333



31.9365, 2.2543, -44.7842



7.9089, -1.1148, -7.4790

Inverse Universe

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



37.6849, 63.8037, -4.6305



48.2045, 86.6521, -0.6381



69.2036, -13.9086, 41.6580



32.7639, 1.9292, 0.5992



29.2739, 52.7353, -1.2603



6.4820, 11.8792, -1.8472

Previews

White Background



This preview shows how the HunterLab color 42.7045, -0.9788, -48.7207 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 × Fail

Black Background



This preview shows how the HunterLab color 42.7045, -0.9788, -48.7207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

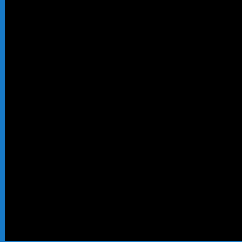
Any Text WCAG AA ✓ Pass

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 42.7045, -0.9788, -48.7207 Background



This preview shows how black text looks on a background with the HunterLab color 42.7045, -0.9788, -48.7207.



This preview shows how white text looks on a background with the HunterLab color 42.7045, -0.9788, -48.7207.

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

42.7045, -0.9788, -48.7207

Protanopia

42.5887, 7.9824, -43.8544

Deuteranopia

42.7710, 3.7180, -49.3276



Tritanopia

42.5747, -20.6307, -8.6788

Trichromacy



Original Color

42.7045, -0.9788, -48.7207

Protanomaly

42.4111, 3.4041, -45.9845

Deuteranomaly

42.6426, 1.8466, -49.6676

Tritanomaly

42.5084, -14.4891, -21.0898

Monochromacy



Original Color

42.7045, -0.9788, -48.7207

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

37.6296, -5.4580, -14.1984

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.7045, -0.9788, -48.7207 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(24, 122, 199)` looks like.

```
.text, #text, p{  
    color:rgb(24, 122, 199)  
}
```

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(24, 122, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 122, 199) }
```

Border

The CSS property to change the border of an element to HunterLab 42.7045, -0.9788, -48.7207 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(24, 122, 199) }
```


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

```
.border{ border-color:rgb(24, 122, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 122, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 122, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 122, 199);  
box-shadow:4px 4px 4px 4px rgb(24, 122,  
199) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.7045, -0.9788, -48.7207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 122, 199) }
```

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

```
.background{ background-color: rgb(24, 122,  
199) }
```

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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