

Converting Colors

HunterLab(42.7228, 3.9224,
-41.2120)

Have a look what the booklet for
HunterLab(42.7228, 3.9224,
-41.2120) contains.

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Color

**HunterLab(42.7228, 3.9224,
-41.2120)**

Conversions

Conversions Part 1

Format	Color
Hex	4D76BE
RGB	77, 118, 190
RGB Percent	30%, 46%, 75%
CMY	0.6980, 0.5372, 0.2549
CMYK	0.59, 0.38, 0.00, 0.25
HSL	218°, 47%, 52%
HSV	218°, 59%, 75%
XYZ	18.8333, 18.2524, 51.2457
YIQ	113.9490, -47.5480, 13.7000

Conversions

Conversions Part 2

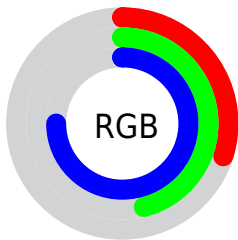
Format	Color
R_{YB}	77, 107, 190
Decimal	5076670
CIE Lab	49.80, 7.87, -42.12
CIE LCh	50, 42.850, 280.586
Yxy	18.2530, 0.2132, 0.2066
Android (android.graphics.Color)	4283266750 (0xFF4D76BE)
YUV	113.9490, 37.4931, -32.4043
Hunter-Lab	42.7228, 3.9224, -41.2120

Details

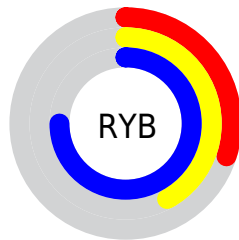
The HunterLab color **42.7228, 3.9224, -41.2120** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **57.4279, 3.0785, 28.1908**, and the grayscale version is **40.8756, -2.1810, 2.2209**.

A 20% lighter version of the original color is **63.6657, 3.5224, -42.6557**, and **24.8151, 4.2939, -40.2861** is the 20% darker color. If you saturate the color by 10%, you get **38.6055, 7.2646, -50.9013**, and if you desaturate by 10%, it is **47.1157, 1.3344, -32.2475**.

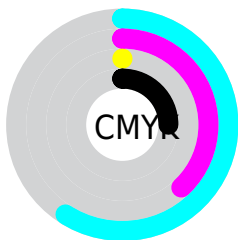
Distribution



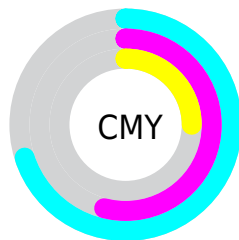
- Red (30%)
- Green (46%)
- Blue (75%)



- Red (30%)
- Yellow (42%)
- Blue (75%)



- Cyan (59%)
- Magenta (38%)
- Yellow (0%)
- Black (25%)



- Cyan (70%)
- Magenta (54%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.7228, 3.9224, -41.2120 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 42.7228, 3.9224, -41.2120 by changing the saturation by 10% instead.

■ 42.7228, 3.9224,
-41.2120

■ 42.7228, 3.9224,
-41.2120

■ 155.6577, 1.0828,
-46.5966

■ 33.3643, 3.9600,
-40.6658

■ 63.6144, 3.6421,
-42.5522

■ 24.8104, 3.9138,
-40.3800

■ 75.0536, 3.4137,
-43.2373

■ 17.1461, 3.7672,
-40.7055

■ 87.1066, 3.1337,
-43.8988

■ 10.4901, 3.4930,
-42.6277

■ 99.7435, 2.8064,
-44.5254

0.0000, INF, -NF

0.0000, NaN, -NF

■ 112.9385, 2.4350,
-45.1109

0.0000, NaN, -NF

126.6689, 2.0224,

0.0000, NaN, NaN

-45.6521

0.0000, NaN, NaN

140.9146, 1.5709,
-46.1474

■ 42.7228, 3.9224,
-41.2120

■ 42.7228, 3.9224,
-41.2120

■ 38.6055, 7.2646,
-50.9013

■ 47.1157, 1.3344,
-32.2475

■ 34.8095, 11.4648,
-61.3259

■ 51.7426, -0.6129,
-23.9487

■ 31.3898, 16.5837,
-72.3830

■ 56.5721, -2.0224,
-16.2320

■ 28.3753, 22.5013,
-83.9126

■ 61.5784, -2.9826,
-9.0132

■ 28.2239, 22.8231,
-84.5459

■ 66.7406, -3.5672,
-2.2144

■ 72.0419, -3.8360,
4.2320

■ 77.4682, -3.8378,
10.3841

■ 83.0083, -3.6121,
16.2901

■ 88.6524, -3.1910,
21.9907

Harmonies

Analogous

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



42.7235, -12.6624, -38.8956



42.7228, 3.9224, -41.2120



42.7235, 21.2614, -28.8661

Triad

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



42.7235, 3.9228, -41.2109



42.7235, 25.6391, 18.0708



42.7235, -29.0613, 11.4636

Complementary

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



42.7228, 3.9224, -41.2120



57.4279, 3.0785, 28.1908

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.



42.7235, -21.6236, 19.9023



42.7228, 3.9224, -41.2120



42.7235, 9.1953, 22.5475

Square

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



42.7235, 3.9228, -41.2109



42.7235, 35.0446, 7.6779



42.7235, -8.1516, 23.0515



42.7235, -30.0168, -3.8236

Rectangle

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



42.7228, 3.9224, -41.2120



42.7235, 30.2673, -16.0454



42.7235, -8.1516, 23.0515



42.7235, -27.2987, 15.0027

Sweetspot

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



42.7235, 3.9228, -41.2109



83.7031, -4.1325, -11.0263



63.6879, -36.1580, 12.3084



38.2784, -1.7928, -6.4706



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



42.7235, 3.9228, -41.2109



50.5545, 11.1758, -72.1860



33.6234, 28.0613, -64.6933



31.2680, -1.6720, -0.9986



23.3111, 17.8694, -67.7118



5.8183, 0.9523, -9.3281

Inverse Universe

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



41.9093, 42.3379, 2.3171



51.1858, 68.0023, 5.9882



68.1686, -21.3159, 35.5244



30.9710, 1.5296, 1.2956



27.5286, 48.2298, 9.3685



5.5636, 9.9663, 0.1956

Previews

White Background



This preview shows how the HunterLab color 42.7228, 3.9224, -41.2120 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 42.7228, 3.9224, -41.2120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

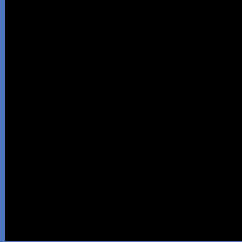
Any Text WCAG AA ✓ Pass

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 42.7228, 3.9224, -41.2120 Background



This preview shows how black text looks on a background with the HunterLab color 42.7228, 3.9224, -41.2120.

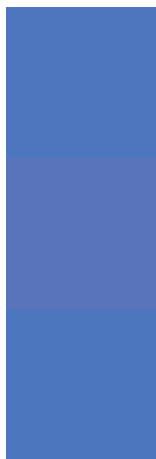


This preview shows how white text looks on a background with the HunterLab color 42.7228, 3.9224, -41.2120.

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

42.7228, 3.9224, -41.2120

Protanopia

42.7730, 6.6871, -39.4755

Deuteranopia

42.6744, 3.7612, -41.3211



Tritanopia

42.8682, -16.3662, -7.6545

Trichromacy



Original Color

42.7228, 3.9224, -41.2120

Protanomaly

42.8112, 5.5216, -40.1989

Deuteranomaly

42.6744, 3.7612, -41.3211

Tritanomaly

42.6528, -9.5452, -18.8500

Monochromacy



Original Color

42.7228, 3.9224, -41.2120

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

41.2082, -1.1615, -11.4484

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.7228, 3.9224, -41.2120 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(77, 118, 190)` looks like.

```
.text, #text, p{  
    color:rgb(77, 118, 190)  
}
```

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(77, 118, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 118, 190) }
```

Border

The CSS property to change the border of an element to HunterLab 42.7228, 3.9224, -41.2120 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(77, 118, 190) }
```


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

```
.border{ border-color:rgb(77, 118, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 118, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 118, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 118, 190);  
box-shadow:4px 4px 4px 4px rgb(77, 118,  
190) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.7228, 3.9224, -41.2120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 118, 190) }
```

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

```
.background{ background-color: rgb(77, 118,  
190) }
```

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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