

Converting Colors

HunterLab(40.7232, 1.1857,
-30.8707)

Have a look what the booklet for
HunterLab(40.7232, 1.1857,
-30.8707) contains.

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Color

**HunterLab(40.7887, 1.2319,
-30.8486)**

Conversions

Conversions Part 1

Format	Color
Hex	4F72AB
RGB	79, 114, 171
RGB Percent	31%, 45%, 67%
CMY	0.6902, 0.5529, 0.3294
CMYK	0.54, 0.33, 0.00, 0.33
HSL	217°, 37%, 49%
HSV	217°, 54%, 67%
XYZ	16.5925, 16.6372, 40.8648
YIQ	110.0330, -39.1570, 10.3070

Conversions

Conversions Part 2

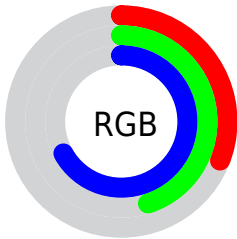
Format	Color
R_{YB}	79, 104, 171
Decimal	5206699
CIE _{Lab}	47.80, 4.45, -34.26
CIE _{LCh}	48, 34.552, 277.392
Yxy	16.6378, 0.2239, 0.2245
Android (android.graphics.Color)	4283396779 (0xFF4F72AB)
YUV	110.0330, 30.0567, -27.2159
Hunter-Lab	40.7887, 1.2319, -30.8486

Details

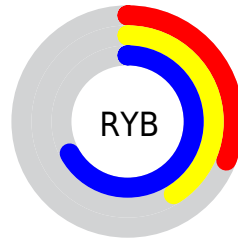
The HunterLab color $[40.7887, 1.2319, -30.8486]$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $[51.7995, 2.4297, 23.4933]$, and the grayscale version is $[39.4006, -2.1023, 2.1407]$.

A 20% lighter version of the original color is $[61.5523, 0.5479, -32.0642]$, and $[23.0534, 1.7153, -29.8450]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.0715, 3.6049, -38.7136]$, and if you desaturate by 10%, it is $[44.7192, -0.5495, -23.5359]$.

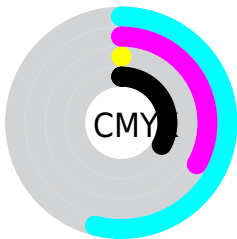
Distribution



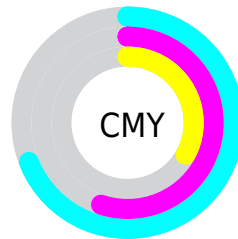
- Red (31%)
- Green (45%)
- Blue (67%)



- Red (31%)
- Yellow (41%)
- Blue (67%)



- Cyan (54%)
- Magenta (33%)
- Yellow (0%)
- Black (33%)



- Cyan (69%)
- Magenta (55%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7887, 1.2319, -30.8486 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 40.7887, 1.2319, -30.8486 by changing the saturation by 10% instead.

■ 40.7887, 1.2319,
-30.8486

■ 40.7887, 1.2319,
-30.8486

■ 152.6683, -2.9084,
-35.0449

■ 31.5857, 1.4543,
-30.2520

■ 61.4019, 0.6143,
-32.0759

■ 23.2022, 1.6075,
-29.7757

■ 72.7143, 0.2305,
-32.6466

■ 15.7288, 1.6780,
-29.6491

■ 84.6469, -0.1976,
-33.1721

■ 9.2927, 1.6471,
-30.5706

■ 97.1691, -0.6669,
-33.6481

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 110.2544, -1.1747,
-34.0730

0.0000, NaN, NaN

123.8793, -1.7188,

0.0000, NaN, NaN

-34.4469

0.0000, NaN, NaN

138.0235, -2.2972,
-34.7705

■ 40.7887, 1.2319,
-30.8486

■ 40.7887, 1.2319,
-30.8486

■ 37.0715, 3.6049,
-38.7136

■ 44.7192, -0.5495,
-23.5359

■ 33.5999, 6.6623,
-47.1662

■ 48.8324, -1.8298,
-16.7212

■ 30.4145, 10.4833,
-56.1824

■ 53.1057, -2.6882,
-10.3387

■ 27.5587, 15.0961,
-65.6445

■ 57.5203, -3.1918,
-4.3259

■ 25.9362, 18.2315,
-71.7746

■ 62.0606, -3.3961,
1.3737

■ 66.7140, -3.3467,
6.8093

■ 71.4698, -3.0806,
12.0230

■ 76.3192, -2.6283,
17.0500

■ 81.2548, -2.0147,
21.9202

Harmonies

Analogous

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



40.7894, -11.7294, -27.9706



40.7887, 1.2319, -30.8486



40.7894, 14.9010, -22.8228

Triad

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



40.7894, 1.2320, -30.8476



40.7894, 20.6828, 14.5972



40.7894, -23.5736, 10.6536

Complementary

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



40.7887, 1.2319, -30.8486



51.7995, 2.4297, 23.4933

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.



40.7894, -16.8410, 17.4239



40.7887, 1.2319, -30.8486



40.7894, 8.3408, 19.1267

Square

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



40.7894, 1.2320, -30.8476



40.7894, 27.0458, 5.2856



40.7894, -5.4807, 19.9583



40.7894, -24.9570, -1.1031

Rectangle

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



40.7887, 1.2319, -30.8486



40.7894, 22.2020, -13.5422



40.7894, -5.4807, 19.9583



40.7894, -21.9080, 13.4561

Sweetspot

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



40.7894, 1.2320, -30.8476



75.4930, -4.1440, -7.7462



57.0601, -30.3668, 10.5281



35.0922, -1.9000, -4.4079



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.



40.7894, 1.2320, -30.8476



48.4877, 5.6992, -54.3967



32.7008, 21.0388, -49.3377



28.7018, -1.5992, -0.8358



22.7289, 15.3249, -61.4912



5.0119, 0.0945, -6.4685

Inverse Universe

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



39.3263, 33.8882, 0.8241



47.5232, 55.7230, 2.7976



60.9851, -17.3782, 30.0822



28.3970, 1.3881, 1.1339



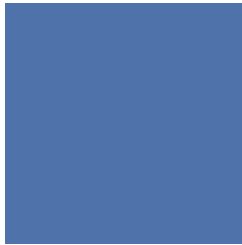
26.1239, 45.8776, 8.0456



4.4800, 8.0992, -0.4157

Previews

White Background



This preview shows how the HunterLab color 40.7887, 1.2319, -30.8486 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 40.7887, 1.2319, -30.8486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

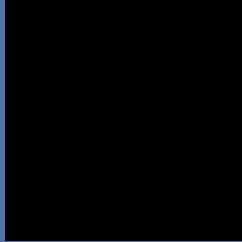
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

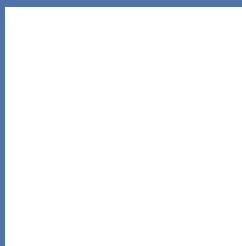
Any Text WCAG AAA × Fail

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

HunterLab 40.7887, 1.2319, -30.8486 Background



This preview shows how black text looks on a background with the HunterLab color 40.7887, 1.2319, -30.8486.

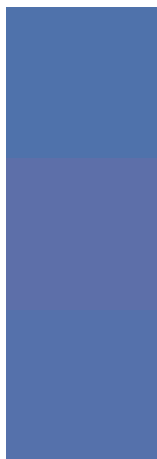


This preview shows how white text looks on a background with the HunterLab color 40.7887, 1.2319, -30.8486.

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

40.7887, 1.2319, -30.8486

Protanopia

40.6947, 4.9310, -29.5259

Deuteranopia

40.8434, 2.8293, -30.7120



Tritanopia

40.8764, -13.4360, -6.7108

Trichromacy



Original Color

40.7887, 1.2319, -30.8486

Protanomaly

40.7005, 3.6570, -30.2566

Deuteranomaly

40.7302, 2.4491, -30.9437

Tritanomaly

40.7076, -8.4858, -14.6726

Monochromacy



Original Color

40.7887, 1.2319, -30.8486

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

39.6074, -1.7350, -8.3024

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7887, 1.2319, -30.8486 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(79, 114, 171)` looks like.

```
.text, #text, p{  
    color:rgb(79, 114, 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(79, 114, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 114, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7887, 1.2319, -30.8486 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(79, 114, 171) }
```


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

```
.border{ border-color:rgb(79, 114, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 114, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 114, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 114, 171);  
box-shadow:4px 4px 4px 4px rgb(79, 114,  
171) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7887, 1.2319, -30.8486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 114, 171) }
```

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

```
.background{ background-color: rgb(79, 114,  
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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