

Converting Colors

HunterLab(42.8392, -5.4968,
-25.7847)

Have a look what the booklet for
HunterLab(42.8392, -5.4968,
-25.7847) contains.

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Color

HunterLab(42.7311, -5.3182,
-25.8444)

Conversions

Conversions Part 1

Format	Color
Hex	447BA9
RGB	68, 123, 169
RGB Percent	27%, 48%, 66%
CMY	0.7333, 0.5176, 0.3373
CMYK	0.60, 0.27, 0.00, 0.34
HSL	207°, 43%, 46%
HSV	207°, 60%, 66%
XYZ	16.6283, 18.2595, 40.1842
YIQ	111.7990, -47.5460, 2.6460

Conversions

Conversions Part 2

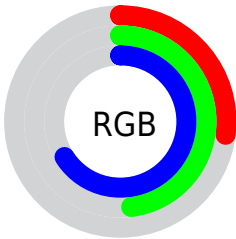
Format	Color
R _Y B	68, 104, 169
Decimal	4488105
CIE Lab	49.81, -4.02, -29.99
CIE LCh	50, 30.262, 262.374
Yxy	18.2601, 0.2215, 0.2432
Android (android.graphics.Color)	4282678185 (0xFF447BA9)
YUV	111.7990, 28.2001, -38.4117
Hunter-Lab	42.7311, -5.3182, -25.8444

Details

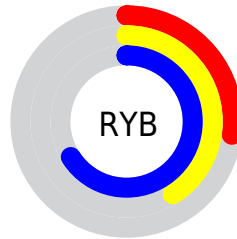
The HunterLab color **42.7311, -5.3182, -25.8444** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **45.7035, 11.5027, 21.2680**, and the grayscale version is **40.0853, -2.1389, 2.1779**.

A 20% lighter version of the original color is **63.5034, -6.8569, -26.8315**, and **25.1327, -3.3075, -24.2737** is the 20% darker color. If you saturate the color by 10%, you get **39.8776, -3.9964, -31.3070**, and if you desaturate by 10%, it is **45.7639, -6.0751, -20.5378**.

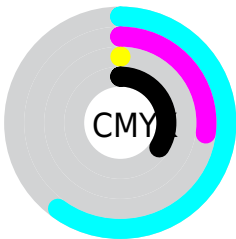
Distribution



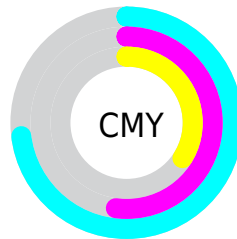
- Red (27%)
- Green (48%)
- Blue (66%)



- Red (27%)
- Yellow (41%)
- Blue (66%)



- Cyan (60%)
- Magenta (27%)
- Yellow (0%)
- Black (34%)



- Cyan (73%)
- Magenta (52%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.7311, -5.3182, -25.8444 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 42.7311, -5.3182, -25.8444 by changing the saturation by 10% instead.

■ 42.7311, -5.3182,
-25.8444

■ 42.7311, -5.3182,
-25.8444

155.6705,
-13.0240, -29.0865

■ 33.3720, -4.5709,
-25.2621

■ 63.6239, -6.8762,
-26.9244

■ 24.8173, -3.8426,
-24.7104

■ 75.0637, -7.6884,
-27.3935

■ 17.1523, -3.1289,
-24.3133

■ 87.1172, -8.5230,
-27.8085

■ 10.4954, -2.4201,
-24.4383

■ 99.7545, -9.3798,
-28.1688

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 112.9500,
-10.2586, -28.4752

0.0000, NaN, NaN

126.6809,

0.0000, NaN, NaN

-11.1591, -28.7291

0.0000, NaN, NaN

140.9271,
-12.0811, -28.9323

■ 42.7311, -5.3182,
-25.8444

■ 42.7311, -5.3182,
-25.8444

■ 39.8776, -3.9964,
-31.3070

■ 45.7639, -6.0751,
-20.5378

■ 37.2165, -2.0618,
-36.9033

■ 48.9581, -6.3241,
-15.4011

■ 34.7617, 0.5132,
-42.5940

■ 52.2995, -6.1224,
-10.4343

■ 32.4938, 3.6299,
-48.4053

■ 55.7746, -5.5242,
-5.6311

■ 32.4405, 3.7066,
-48.5493

■ 59.3713, -4.5783,
-0.9810

■ 63.0789, -3.3277,
3.5288

■ 66.8879, -1.8097,
7.9116

■ 70.7901, -0.0564,
12.1809

■ 74.7782, 1.9047,
16.3494

Harmonies

Analogous

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



42.7319, -15.5451, -19.1081



42.7311, -5.3182, -25.8444



42.7319, 6.9133, -23.5320

Triad

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



42.7319, -5.3181, -25.8435



42.7319, 21.3599, 9.9037



42.7319, -19.1502, 13.7261

Complementary

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



42.7311, -5.3182, -25.8444



45.7035, 11.5027, 21.2680

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.



42.7319, -10.7607, 18.1166



42.7311, -5.3182, -25.8444



42.7319, 12.8256, 16.3748

Square

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



42.7319, -5.3181, -25.8435



42.7319, 23.2326, -0.7079



42.7319, 0.8405, 18.9294



42.7319, -22.9339, 5.1526

Rectangle

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



42.7311, -5.3182, -25.8444



42.7319, 14.5069, -17.4037



42.7319, 0.8405, 18.9294



42.7319, -16.8228, 15.6302

Sweetspot

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



42.7319, -5.3181, -25.8435



75.3233, -7.2379, -6.6284



55.5049, -34.1699, 16.7722



34.5459, -3.5158, -3.9215



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



42.7319, -5.3181, -25.8435



52.0795, -4.5312, -44.5206



29.7759, 19.4214, -56.0553



28.1993, -2.1430, -0.3611



28.1982, 2.8493, -41.3961



5.4202, -1.2266, -4.1269

Inverse Universe

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



37.4167, 39.4982, -5.9469



45.3940, 63.2651, -7.1822



59.4861, -12.0613, 30.9923



27.5827, 1.5314, 0.5770



26.2178, 47.1384, -0.4192



4.2115, 7.7920, -1.7723

Previews

White Background



This preview shows how the HunterLab color 42.7311, -5.3182, -25.8444 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 42.7311, -5.3182, -25.8444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

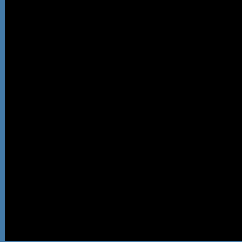
Any Text WCAG AA ✓ Pass

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 42.7311, -5.3182, -25.8444 Background



This preview shows how black text looks on a background with the HunterLab color 42.7311, -5.3182, -25.8444.

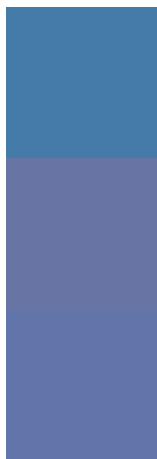


This preview shows how white text looks on a background with the HunterLab color 42.7311, -5.3182, -25.8444.

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

42.7311, -5.3182, -25.8444

Protanopia

42.5608, 3.7585, -22.6357

Deuteranopia

42.6219, 3.0853, -26.5853



Tritanopia

42.8682, -16.3662, -7.6545

Trichromacy



Original Color

42.7311, -5.3182, -25.8444

Protanomaly

42.6274, -0.0860, -23.9129

Deuteranomaly

42.5140, -0.1247, -26.8422

Tritanomaly

42.8269, -12.6035, -13.7769

Monochromacy



Original Color

42.7311, -5.3182, -25.8444

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

40.8302, -4.5521, -7.1431

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.7311, -5.3182, -25.8444 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(68, 123, 169)` looks like.

```
.text, #text, p{  
    color:rgb(68, 123, 169)  
}
```

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(68, 123, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 123, 169) }
```

Border

The CSS property to change the border of an element to HunterLab 42.7311, -5.3182, -25.8444 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(68, 123, 169) }
```


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

```
.border{ border-color:rgb(68, 123, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 123, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 123, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 123, 169);  
box-shadow:4px 4px 4px 4px rgb(68, 123,  
169) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.7311, -5.3182, -25.8444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 123, 169) }
```

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

```
.background{ background-color: rgb(68, 123,  
169) }
```

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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