

Converting Colors

HunterLab(42.7856, -5.2418,
-26.4512)

Have a look what the booklet for
HunterLab(42.7856, -5.2418,
-26.4512) contains.

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Color

HunterLab(42.7335, -5.2214,
-26.5238)

Conversions

Conversions Part 1

Format	Color
Hex	437BAA
RGB	67, 123, 170
RGB Percent	26%, 48%, 67%
CMY	0.7372, 0.5176, 0.3333
CMYK	0.61, 0.28, 0.00, 0.33
HSL	207°, 43%, 46%
HSV	207°, 61%, 67%
XYZ	16.6534, 18.2615, 40.6774
YIQ	111.6140, -48.4630, 2.7450

Conversions

Conversions Part 2

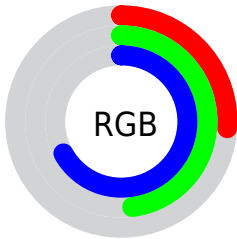
Format	Color
R_{YB}	67, 103, 170
Decimal	4422570
CIE _{Lab}	49.81, -3.89, -30.57
CIE _{LCh}	50, 30.820, 262.757
Yxy	18.2622, 0.2203, 0.2416
Android (android.graphics.Color)	4282612650 (0xFF437BAA)
YUV	111.6140, 28.7843, -39.1265
Hunter-Lab	42.7335, -5.2214, -26.5238

Details

The HunterLab color **42.7335, -5.2214, -26.5238** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **45.8117, 11.8188, 21.5622**, and the grayscale version is **40.0126, -2.1350, 2.1740**.

A 20% lighter version of the original color is **63.5310, -6.5877, -28.1162**, and **25.1797, -3.0465, -24.8958** is the 20% darker color. If you saturate the color by 10%, you get **39.8721, -3.8323, -32.0499**, and if you desaturate by 10%, it is **45.7771, -6.0364, -21.1549**.

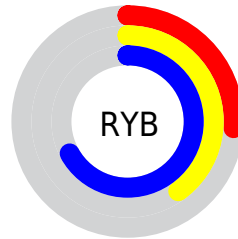
Distribution



Red (26%)

Green (48%)

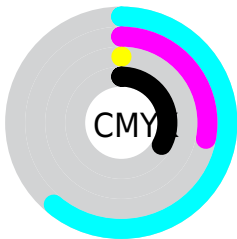
Blue (67%)



Red (26%)

Yellow (40%)

Blue (67%)

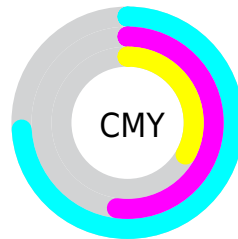


Cyan (61%)

Magenta (28%)

Yellow (0%)

Black (33%)



Cyan (74%)

Magenta (52%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.7335, -5.2214, -26.5238 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 42.7335, -5.2214, -26.5238 by changing the saturation by 10% instead.

■ 42.7335, -5.2214,
-26.5238

■ 42.7335, -5.2214,
-26.5238

155.6742,
-12.8726, -29.8928

■ 33.3742, -4.4822,
-25.9359

■ 63.6267, -6.7649,
-27.6259

■ 24.8193, -3.7628,
-25.3862

■ 75.0666, -7.5705,
-28.1086

■ 17.1540, -3.0592,
-25.0069

■ 87.1202, -8.3989,
-28.5381

■ 10.4969, -2.3621,
-25.1866

■ 99.7577, -9.2498,
-28.9135

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 112.9533,
-10.1229, -29.2352

0.0000, NaN, NaN

126.6843,

0.0000, NaN, NaN

-11.0180, -29.5046

0.0000, NaN, NaN

140.9306,
-11.9346, -29.7232

■ 42.7335, -5.2214,
-26.5238

■ 42.7335, -5.2214,
-26.5238

■ 39.8721, -3.8323,
-32.0499

■ 45.7771, -6.0364,
-21.1549

■ 37.2061, -1.8219,
-37.7097

■ 48.9847, -6.3348,
-15.9583

■ 34.7491, 0.8350,
-43.4622

■ 52.3419, -6.1744,
-10.9343

■ 32.6046, 3.8201,
-48.9994

■ 55.8349, -5.6102,
-6.0769

■ 59.4515, -4.6920,
-1.3757

■ 63.1806, -3.4636,
3.1822

■ 67.0126, -1.9632,
7.6105

■ 70.9391, -0.2235,
11.9229

■ 74.9527, 1.7276,
16.1323

Harmonies

Analogous

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



42.7343, -15.6644, -19.7180



42.7335, -5.2214, -26.5238



42.7343, 7.2483, -24.0295

Triad

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



42.7343, -5.2212, -26.5229



42.7343, 21.7655, 10.1403



42.7343, -19.5147, 13.8171

Complementary

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



42.7335, -5.2214, -26.5238



45.8117, 11.8188, 21.5622

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.



42.7343, -11.0449, 18.2973



42.7335, -5.2214, -26.5238



42.7343, 12.9801, 16.6312

Square

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



42.7343, -5.2212, -26.5229



42.7343, 23.7778, -0.6062



42.7343, 0.7379, 19.1575



42.7343, -23.2894, 5.0644

Rectangle

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



42.7335, -5.2214, -26.5238



42.7343, 14.9731, -17.6900



42.7343, 0.7379, 19.1575



42.7343, -17.1714, 15.7589

Sweetspot

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



42.7343, -5.2212, -26.5229



76.2954, -7.3170, -6.7374



55.8064, -34.6796, 17.0714



35.3842, -3.5960, -4.0430



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.



42.7343, -5.2212, -26.5229



52.3326, -4.2503, -46.0026



29.5815, 20.0290, -57.6460



28.1974, -2.1399, -0.3634



28.1647, 2.9102, -41.4858



5.4165, -1.2210, -4.1343

Inverse Universe

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



37.4048, 40.2939, -5.9497



45.6767, 64.7757, -7.0595



59.8398, -12.1902, 31.3973



27.5825, 1.5304, 0.5798



26.2142, 47.1252, -0.3675



4.2110, 7.7903, -1.7656

Previews

White Background



This preview shows how the HunterLab color 42.7335, -5.2214, -26.5238 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 42.7335, -5.2214, -26.5238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

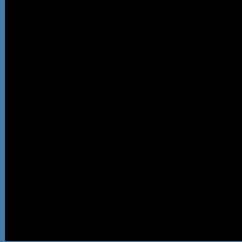
Any Text WCAG AA ✓ Pass

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 42.7335, -5.2214, -26.5238 Background



This preview shows how black text looks on a background with the HunterLab color 42.7335, -5.2214, -26.5238.

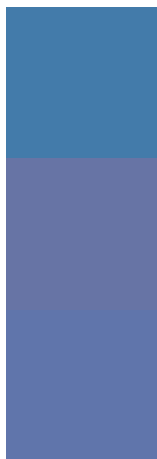


This preview shows how white text looks on a background with the HunterLab color 42.7335, -5.2214, -26.5238.

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

42.7335, -5.2214, -26.5238

Protanopia

42.5335, 3.7527, -23.3466

Deuteranopia

42.6024, 3.1092, -27.3139



Tritanopia

42.8036, -16.6124, -7.7496

Trichromacy



Original Color

42.7335, -5.2214, -26.5238

Protanomaly

42.6114, -0.0544, -24.6129

Deuteranomaly

42.5032, -0.0721, -27.5559

Tritanomaly

42.7555, -12.8693, -13.8923

Monochromacy



Original Color

42.7335, -5.2214, -26.5238

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 42.7335, -5.2214, -26.5238 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(67, 123, 170)` looks like.

```
.text, #text, p{  
    color:rgb(67, 123, 170)  
}
```

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(67, 123, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 123, 170) }
```

Border

The CSS property to change the border of an element to HunterLab 42.7335, -5.2214, -26.5238 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(67, 123, 170) }
```


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

```
.border{ border-color:rgb(67, 123, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 123, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 123, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 123, 170);  
box-shadow:4px 4px 4px 4px rgb(67, 123,  
170) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.7335, -5.2214, -26.5238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 123, 170) }
```

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

```
.background{ background-color: rgb(67, 123,  
170) }
```

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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