

Converting Colors

HunterLab(42.7881, -2.7591,
-26.9656)

Have a look what the booklet for
HunterLab(42.7881, -2.7591,
-26.9656) contains.

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Color

HunterLab(42.9385, -2.9300,
-26.7929)

Conversions

Conversions Part 1

Format	Color
Hex	4D7AAB
RGB	77, 122, 171
RGB Percent	30%, 48%, 67%
CMY	0.6980, 0.5216, 0.3294
CMYK	0.55, 0.29, 0.00, 0.33
HSL	211°, 38%, 49%
HSV	211°, 55%, 67%
XYZ	17.3708, 18.4371, 41.1713
YIQ	114.1310, -42.5490, 5.6990

Conversions

Conversions Part 2

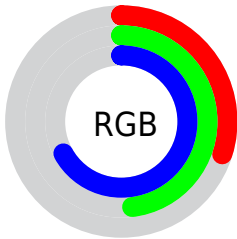
Format	Color
R_{YB}	77, 107, 171
Decimal	5077675
CIE _{Lab}	50.02, -0.83, -30.79
CIE _{LCh}	50, 30.804, 268.454
Yxy	18.4378, 0.2257, 0.2395
Android (android.graphics.Color)	4283267755 (0xFF4D7AAB)
YUV	114.1310, 28.0364, -32.5639
Hunter-Lab	42.9385, -2.9300, -26.7929

Details

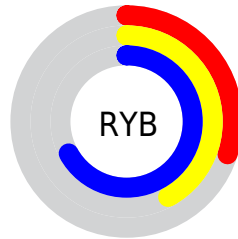
The HunterLab color $42.9385, -2.9300, -26.7929$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $49.1086, 7.0956, 21.9068$, and the grayscale version is $40.9794, -2.1866, 2.2265$.

A 20% lighter version of the original color is $63.8151, -3.9392, -28.2662$, and $25.0534, -2.1149, -25.1608$ is the 20% darker color. If you saturate the color by 10%, you get $39.6584, -1.3325, -33.1868$, and if you desaturate by 10%, it is $46.4064, -3.9644, -20.6990$.

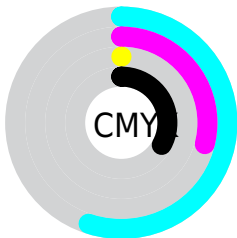
Distribution



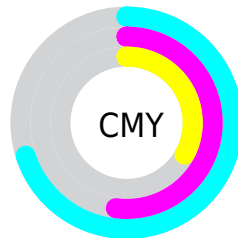
- Red (30%)
- Green (48%)
- Blue (67%)



- Red (30%)
- Yellow (42%)
- Blue (67%)



- Cyan (55%)
- Magenta (29%)
- Yellow (0%)
- Black (33%)



- Cyan (70%)
- Magenta (52%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.9385, -2.9300, -26.7929 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 42.9385, -2.9300, -26.7929 by changing the saturation by 10% instead.

■ 42.9385, -2.9300,
-26.7929

■ 42.9385, -2.9300,
-26.7929

■ 155.9895, -9.3117,
-30.1998

■ 33.5630, -2.3786,
-26.2029

■ 63.8607, -4.1379,
-27.9014

■ 24.9904, -1.8655,
-25.6525

■ 75.3139, -4.7909,
-28.3881

■ 17.3054, -1.3933,
-25.2740

■ 87.3801, -5.4745,
-28.8220

■ 10.6254, -0.9653,
-25.4545

■ 100.0296, -6.1875,
-29.2018

■ 0.5032, -0.8806,
-319.3522

■ 113.2367, -6.9287,
-29.5281

0.0000, NaN, -NF

0.0000, NaN, NaN

126.9787, -7.6970,

-29.8021

0.0000, NaN, NaN

141.2357, -8.4916,
-30.0254

0.0000, NaN, NaN

■ 42.9385, -2.9300,
-26.7929

■ 42.9385, -2.9300,
-26.7929

■ 39.6584, -1.3325,
-33.1868

■ 46.4064, -3.9644,
-20.6990

■ 36.5860, 0.8967,
-39.8782

■ 50.0396, -4.5064,
-14.8956

■ 33.7451, 3.8130,
-46.8340

■ 53.8211, -4.6213,
-9.3600

■ 31.1556, 7.4338,
-53.9926

■ 57.7357, -4.3673,
-4.0657

■ 29.9230, 9.4207,
-57.7378

■ 61.7702, -3.7946,
1.0146

■ 65.9134, -2.9459,
5.9071

■ 70.1558, -1.8572,
10.6360

■ 74.4891, -0.5588,
15.2231

■ 78.9061, 0.9239,
19.6875

Harmonies

Analogous

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



42.9393, -13.9824, -21.6034



42.9385, -2.9300, -26.7929



42.9393, 9.5689, -22.5285

Triad

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



42.9393, -2.9299, -26.7920



42.9393, 20.5474, 11.7362



42.9393, -20.6513, 12.5227

Complementary

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



42.9385, -2.9300, -26.7929



49.1086, 7.0956, 21.9068

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.



42.9393, -12.9932, 17.7886



42.9385, -2.9300, -26.7929



42.9393, 10.7974, 17.4326

Square

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



42.9393, -2.9299, -26.7920



42.9393, 24.0053, 1.7256



42.9393, -1.6532, 19.2963



42.9393, -23.4747, 2.9401

Rectangle

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



42.9385, -2.9300, -26.7929



42.9393, 16.8845, -15.4265



42.9393, -1.6532, 19.2963



42.9393, -18.6028, 14.7439

Sweetspot

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



42.9393, -2.9299, -26.7920



76.5670, -5.9149, -6.3552



56.7445, -32.1043, 13.9314



35.6606, -2.8368, -3.6596



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.



42.9393, -2.9299, -26.7920



52.1440, -1.2028, -46.3482



31.4526, 19.8359, -52.9003



28.9241, -1.9666, -0.5632



26.1805, 7.7752, -49.5077



5.4836, -0.6878, -5.3693

Inverse Universe

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



39.2067, 35.9294, -3.0569



47.5993, 58.3586, -3.2790



61.7618, -14.5631, 31.0613



28.4197, 1.5103, 0.8097



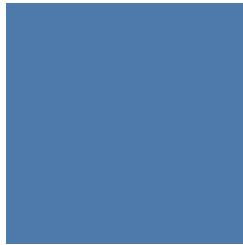
26.4480, 47.0631, 3.3685



4.5354, 8.2991, -1.1936

Previews

White Background



This preview shows how the HunterLab color 42.9385, -2.9300, -26.7929 looks on a white 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

Black Background



This preview shows how the HunterLab color 42.9385, -2.9300, -26.7929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

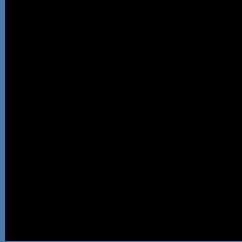
Any Text WCAG AA ✓ Pass

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 42.9385, -2.9300, -26.7929 Background



This preview shows how black text looks on a background with the HunterLab color 42.9385, -2.9300, -26.7929.

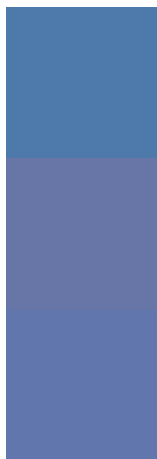


This preview shows how white text looks on a background with the HunterLab color 42.9385, -2.9300, -26.7929.

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

42.9385, -2.9300, -26.7929

Protanopia

42.8908, 3.7223, -24.0434

Deuteranopia

42.9847, 3.0733, -27.2941



Tritanopia

42.9258, -14.5775, -7.5424

Trichromacy



Original Color

42.9385, -2.9300, -26.7929

Protanomaly

42.8958, 1.0033, -24.7545

Deuteranomaly

42.8321, 1.1399, -27.6137

Tritanomaly

42.9200, -10.6429, -14.1842

Monochromacy



Original Color

42.9385, -2.9300, -26.7929

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

41.5193, -3.4361, -7.2085

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.9385, -2.9300, -26.7929 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, 122, 171)` looks like.

```
.text, #text, p{  
    color:rgb(77, 122, 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(77, 122, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 122, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 42.9385, -2.9300, -26.7929 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, 122, 171) }
```


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

```
.border{ border-color:rgb(77, 122, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 122, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 122, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 122, 171);  
box-shadow:4px 4px 4px 4px rgb(77, 122,  
171) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.9385, -2.9300, -26.7929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 122, 171) }
```

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

```
.background{ background-color: rgb(77, 122,  
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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