

Converting Colors

HunterLab(42.9033, 2.8862,
-28.1352)

Have a look what the booklet for
HunterLab(42.9033, 2.8862,
-28.1352) contains.

HunterLab(42.9033, 2.8899, -28.1481)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(42.9033, 2.8899,
-28.1481)**

Conversions

Conversions Part 1

Format	Color
Hex	5F76AD
RGB	95, 118, 173
RGB Percent	37%, 46%, 68%
CMY	0.6274, 0.5372, 0.3216
CMYK	0.45, 0.32, 0.00, 0.32
HSL	222°, 32%, 53%
HSV	222°, 45%, 68%
XYZ	18.7406, 18.4069, 42.1004
YIQ	117.3930, -31.3630, 12.2290

Conversions

Conversions Part 2

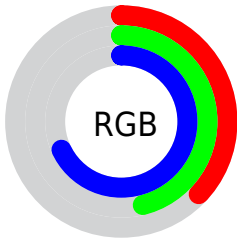
Format	Color
R_{YB}	95, 113, 173
Decimal	6256301
CIE _{Lab}	49.99, 6.59, -31.93
CIE _{LCh}	50, 32.608, 281.668
Yxy	18.4076, 0.2365, 0.2323
Android (android.graphics.Color)	4284446381 (0xFF5F76AD)
YUV	117.3930, 27.4143, -19.6387
Hunter-Lab	42.9033, 2.8899, -28.1481

Details

The HunterLab color $42.9033, 2.8899, -28.1481$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $56.1463, -2.2246, 23.1246$, and the grayscale version is $42.2357, -2.2536, 2.2947$.

A 20% lighter version of the original color is $63.8719, 2.5593, -29.4087$, and $24.9155, 2.9280, -26.8806$ is the 20% darker color. If you saturate the color by 10%, you get $38.5900, 5.5248, -36.8670$, and if you desaturate by 10%, it is $47.4349, 0.8039, -20.1733$.

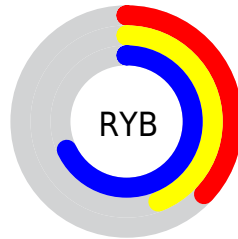
Distribution



Red (37%)

Green (46%)

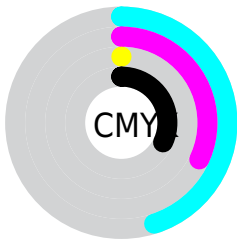
Blue (68%)



Red (37%)

Yellow (44%)

Blue (68%)

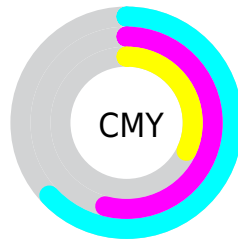


Cyan (45%)

Magenta (32%)

Yellow (0%)

Black (32%)



Cyan (63%)

Magenta (54%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.9033, 2.8899, -28.1481 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 42.9033, 2.8899, -28.1481 by changing the saturation by 10% instead.

■ 42.9033, 2.8899,
-28.1481

■ 42.9033, 2.8899,
-28.1481

■ 155.9354, -0.4676,
-31.7981

■ 33.5306, 3.0014,
-27.5494

■ 63.8206, 2.4744,
-29.2971

■ 24.9611, 3.0357,
-27.0068

■ 75.2715, 2.1840,
-29.8098

■ 17.2794, 2.9773,
-26.6692

■ 87.3355, 1.8451,
-30.2715

■ 10.6033, 2.8017,
-26.9699

■ 99.9829, 1.4613,
-30.6803

0.0000, INF, -NF

0.0000, NaN, -NF

113.1881, 1.0358,
-31.0363

0.0000, NaN, NaN

126.9282, 0.5711,

0.0000, NaN, NaN

-31.3403

0.0000, NaN, NaN

141.1833, 0.0693,
-31.5937

■ 42.9033, 2.8899,
-28.1481

■ 42.9033, 2.8899,
-28.1481

■ 38.5900, 5.5248,
-36.8670

■ 47.4349, 0.8039,
-20.1733

■ 34.5335, 8.8215,
-46.4442

■ 52.1507, -0.8314,
-12.8275

■ 30.7868, 12.8930,
-56.9422

■ 57.0269, -2.0974,
-6.0015

■ 27.4151, 17.8157,
-68.2978

■ 62.0442, -3.0594,
0.3972

■ 24.4929, 23.5502,
-80.1991

■ 67.1869, -3.7697,
6.4456

■ 23.2074, 26.5128,
-86.2407

■ 72.4427, -4.2698,
12.2066

■ 77.8013, -4.5926,
17.7316

■ 83.2542, -4.7649,
23.0619

■ 88.7942, -4.8081,
28.2316

Harmonies

Analogous

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



42.9041, -9.8853, -26.9797



42.9033, 2.8899, -28.1481



42.9041, 15.6530, -19.5358

Triad

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



42.9041, 2.8898, -28.1471



42.9041, 18.0575, 15.3429



42.9041, -23.5639, 9.1710

Complementary

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



42.9033, 2.8899, -28.1481



56.1463, -2.2246, 23.1246

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.



42.9041, -17.6990, 16.5886



42.9033, 2.8899, -28.1481



42.9041, 5.8700, 19.3494

Square

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



42.9041, 2.8898, -28.1471



42.9041, 25.0823, 6.8780



42.9041, -7.2382, 19.7246



42.9041, -24.1598, -2.7656

Rectangle

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



42.9033, 2.8899, -28.1481



42.9041, 22.0434, -10.5741



42.9041, -7.2382, 19.7246



42.9041, -22.1790, 12.1701

Sweetspot

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



42.9041, 2.8898, -28.1471



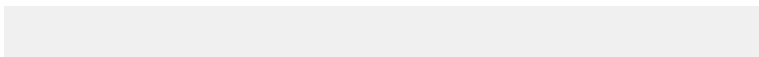
76.8740, -2.9296, -7.2917



58.7450, -26.4253, 6.7834



35.1916, -1.2208, -4.2613



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.



42.9041, 2.8898, -28.1471



51.7227, 7.3381, -49.1653



38.1524, 18.1086, -37.6132



28.5093, -1.2786, -1.0738



20.1122, 22.0983, -72.8423



4.5669, 0.9041, -7.6599

Inverse Universe

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



42.8689, 27.3953, 3.1894



52.4587, 45.6451, 5.5368



61.5811, -17.9314, 27.2075



28.3774, 1.2827, 1.4132



25.9064, 45.0779, 11.2170



4.4317, 7.9240, 0.2697

Previews

White Background



This preview shows how the HunterLab color 42.9033, 2.8899, -28.1481 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 42.9033, 2.8899, -28.1481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

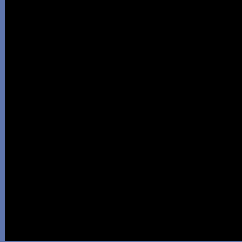
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

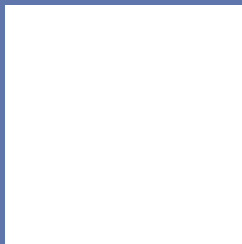
Any Text WCAG AAA × Fail

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

HunterLab 42.9033, 2.8899, -28.1481 Background



This preview shows how black text looks on a background with the HunterLab color 42.9033, 2.8899, -28.1481.



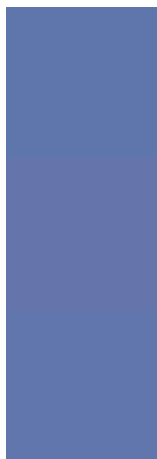
This preview shows how white text looks on a background with the HunterLab color 42.9033, 2.8899, -28.1481.

-28.1481.

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

42.9033, 2.8899, -28.1481

Protanopia

42.9742, 4.4394, -27.2897

Deuteranopia

42.9660, 3.1005, -28.0259



Tritanopia

42.7800, -10.7631, -5.5953

Trichromacy



Original Color

42.9033, 2.8899, -28.1481

Protanomaly

42.8413, 3.9972, -27.5464

Deuteranomaly

42.9660, 3.1005, -28.0259

Tritanomaly

42.6189, -5.8581, -13.3971

Monochromacy



Original Color

42.9033, 2.8899, -28.1481

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

42.1663, -1.0498, -7.3138

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.9033, 2.8899, -28.1481 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(95, 118, 173)` looks like.

```
.text, #text, p{  
    color:rgb(95, 118, 173)  
}
```

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(95, 118, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 118, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 42.9033, 2.8899, -28.1481 is called "border". The border property can be set on classes, ids or directly on the HTML element.

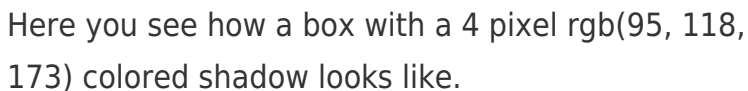
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(95, 118, 173) }
```


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

```
.border{ border-color:rgb(95, 118, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(95, 118, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(95, 118, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(95, 118, 173); box-shadow:4px 4px 4px 4px rgb(95, 118, 173) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.9033, 2.8899, -28.1481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 118, 173) }
```

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

```
.background{ background-color: rgb(95, 118,  
173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor