

Converting Colors

HunterLab(42.4122, 4.5423,
-29.3755)

Have a look what the booklet for
HunterLab(42.4122, 4.5423,
-29.3755) contains.

HunterLab(42.4845, 4.2964, -28.9201)	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(42.4845, 4.2964,
-28.9201)**

Conversions

Conversions Part 1

Format	Color
Hex	6174AD
RGB	97, 116, 173
RGB Percent	38%, 45%, 68%
CMY	0.6196, 0.5451, 0.3216
CMYK	0.44, 0.33, 0.00, 0.32
HSL	225°, 32%, 53%
HSV	225°, 44%, 68%
XYZ	18.7180, 18.0493, 42.0325
YIQ	116.8170, -29.6210, 13.6990

Conversions

Conversions Part 2

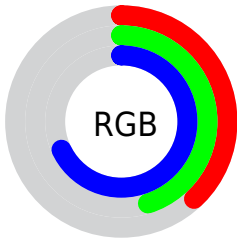
Format	Color
R_{YB}	97, 112, 173
Decimal	6386861
CIE _{Lab}	49.56, 8.33, -32.60
CIE _{LCh}	50, 33.645, 284.337
Yxy	18.0500, 0.2375, 0.2291
Android (android.graphics.Color)	4284576941 (0xFF6174AD)
YUV	116.8170, 27.6982, -17.3795
Hunter-Lab	42.4845, 4.2964, -28.9201

Details

The HunterLab color $42.4845, 4.2964, -28.9201$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $57.3230, -3.9469, 23.5549$, and the grayscale version is $42.0117, -2.2416, 2.2826$.

A 20% lighter version of the original color is $63.4364, 4.0951, -30.1226$, and $24.5475, 4.2784, -27.7176$ is the 20% darker color. If you saturate the color by 10%, you get $37.9679, 7.2690, -38.2152$, and if you desaturate by 10%, it is $47.2329, 1.8786, -20.4902$.

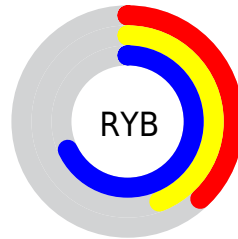
Distribution



Red (38%)

Green (45%)

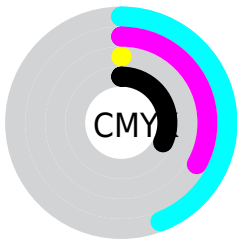
Blue (68%)



Red (38%)

Yellow (44%)

Blue (68%)

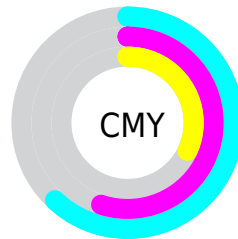


Cyan (44%)

Magenta (33%)

Yellow (0%)

Black (32%)



Cyan (62%)

Magenta (55%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.4845, 4.2964, -28.9201 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 42.4845, 4.2964, -28.9201 by changing the saturation by 10% instead.

42.4845, 4.2964,
-28.9201

42.4845, 4.2964,
-28.9201

155.2909, 1.6494,
-32.7238

33.1450, 4.3056,
-28.3186

63.3423, 4.0662,
-30.0932

24.6117, 4.2290,
-27.7875

74.7661, 3.8609,
-30.6224

16.9705, 4.0489,
-27.4924

86.8044, 3.6030,
-31.1019

10.3412, 3.7371,
-27.9174

99.4273, 3.2966,
-31.5293

0.0000, INF, -NF

0.0000, NaN, -NF

112.6089, 2.9454,
-31.9043

0.0000, NaN, NaN

126.3265, 2.5522,

0.0000, NaN, NaN

-32.2275

0.0000, NaN, NaN

140.5598, 2.1195,
-32.5002

■ 42.4845, 4.2964,
-28.9201

■ 42.4845, 4.2964,
-28.9201

■ 37.9679, 7.2690,
-38.2152

■ 47.2329, 1.8786,
-20.4902

■ 33.7275, 10.9184,
-48.5262

■ 52.1753, -0.0897,
-12.7780

■ 29.8259, 15.3654,
-59.9439

■ 57.2855, -1.6944,
-5.6496

■ 26.3429, 20.6811,
-72.3882

■ 62.5424, -3.0036,
1.0062

■ 23.3745, 26.7832,
-85.4110

■ 67.9297, -4.0710,
7.2795

■ 21.8244, 30.6397,
-93.4209

■ 73.4342, -4.9385,
13.2427

■ 79.0450, -5.6395,
18.9537

■ 84.7535, -6.2004,
24.4587

■ 90.5522, -6.6423,
29.7952

Harmonies

Analogous

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



42.4853, -8.9994, -28.6759



42.4845, 4.2964, -28.9201



42.4853, 17.2640, -19.2002

Triad

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



42.4853, 4.2963, -28.9191



42.4853, 17.7593, 16.1159



42.4853, -24.3269, 8.4080

Complementary

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



42.4845, 4.2964, -28.9201



57.3230, -3.9469, 23.5549

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.



42.4853, -18.8076, 16.3658



42.4845, 4.2964, -28.9201



42.4853, 4.9079, 19.7823

Square

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



42.4853, 4.2963, -28.9191



42.4853, 25.6647, 7.9415



42.4853, -8.4587, 19.8568



42.4853, -24.4477, -4.2105

Rectangle

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



42.4845, 4.2964, -28.9201



42.4853, 23.5182, -9.7209



42.4853, -8.4587, 19.8568



42.4853, -23.0752, 11.6112

Sweetspot

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



42.4853, 4.2963, -28.9191



77.1504, -2.4024, -6.9164



58.9594, -25.3519, 5.1428



35.2716, -0.9246, -4.1480



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.



42.4853, 4.2963, -28.9191



50.8125, 9.7266, -51.1383



39.0901, 18.4481, -35.5556



28.4086, -1.1101, -1.1989



18.9157, 25.6129, -78.9339



4.3152, 1.4010, -8.4181

Inverse Universe

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



43.2381, 26.1425, 4.4428



52.7873, 44.0700, 7.4704



61.3357, -18.7849, 26.5331



28.3672, 1.2278, 1.5586



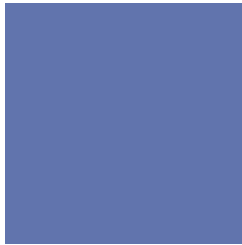
25.8152, 44.7417, 12.5541



4.4062, 7.8310, 0.6352

Previews

White Background



This preview shows how the HunterLab color 42.4845, 4.2964, -28.9201 looks on a white background.

Color Contrast Check

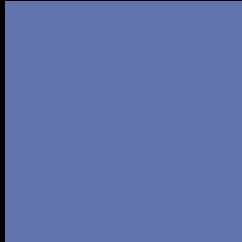
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.4845, 4.2964, -28.9201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

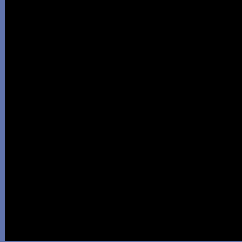
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

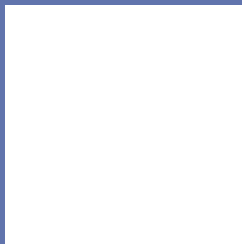
Any Text WCAG AAA × Fail

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

HunterLab 42.4845, 4.2964, -28.9201 Background



This preview shows how black text looks on a background with the HunterLab color 42.4845, 4.2964, -28.9201.

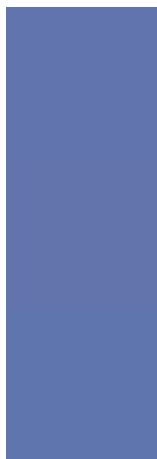


This preview shows how white text looks on a background with the HunterLab color 42.4845, 4.2964, -28.9201.

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

42.4845, 4.2964, -28.9201

Protanopia

42.6152, 4.7304, -28.6627

Deuteranopia

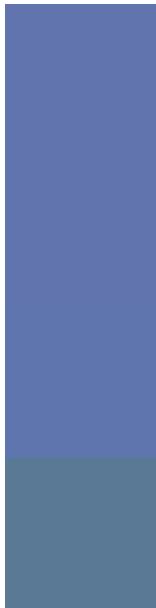
42.5669, 3.1706, -28.7822



Tritanopia

42.5617, -10.1128, -5.3696

Trichromacy



Original Color

42.4845, 4.2964, -28.9201

Protanomaly

42.5495, 4.5124, -28.7920

Deuteranomaly

42.6293, 3.3797, -28.6594

Tritanomaly

42.4105, -5.1968, -13.1256

Monochromacy



Original Color

42.4845, 4.2964, -28.9201

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

42.2418, -0.7893, -7.2031

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.4845, 4.2964, -28.9201 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(97, 116, 173)` looks like.

```
.text, #text, p{  
    color:rgb(97, 116, 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(97, 116, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 116, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 42.4845, 4.2964, -28.9201 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(97, 116, 173) }
```


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

```
.border{ border-color:rgb(97, 116, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 116, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 116, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 116, 173);  
box-shadow:4px 4px 4px 4px rgb(97, 116,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.4845, 4.2964, -28.9201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 116, 173) }
```

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

```
.background{ background-color: rgb(97, 116,  
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