

Converting Colors

HunterLab(28.1249, 22.9374,
-50.5043)

Have a look what the booklet for
HunterLab(28.1249, 22.9374,
-50.5043) contains.

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Color

**HunterLab(28.0016, 23.1149,
-50.8334)**

Conversions

Conversions Part 1

Format	Color
Hex	50409E
RGB	80, 64, 158
RGB Percent	31%, 25%, 62%
CMY	0.6863, 0.7490, 0.3804
CMYK	0.49, 0.59, 0.00, 0.38
HSL	250°, 42%, 44%
HSV	250°, 59%, 62%
XYZ	11.3132, 7.8409, 33.2650
YIQ	79.5000, -20.6380, 32.6260

Conversions

Conversions Part 2

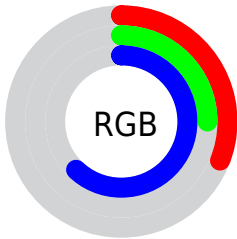
Format	Color
R_{YB}	80, 64, 158
Decimal	5259422
CIE _{Lab}	33.65, 31.95, -49.10
CIE _{LCh}	34, 58.578, 303.052
Yxy	7.8411, 0.2158, 0.1496
Android (android.graphics.Color)	4283449502 (0xFF50409E)
YUV	79.5000, 38.7005, 0.4385
Hunter-Lab	28.0016, 23.1149, -50.8334

Details

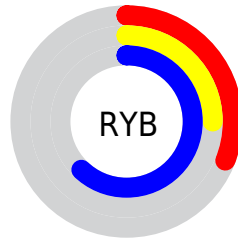
The HunterLab color **28.0016, 23.1149, -50.8334** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **55.2943, -18.2968, 28.5507**, and the grayscale version is **28.0131, -1.4947, 1.5220**.

A 20% lighter version of the original color is **46.4148, 25.6711, -51.3630**, and **12.9590, 20.3003, -54.0450** is the 20% darker color. If you saturate the color by 10%, you get **24.0593, 28.7061, -64.3880**, and if you desaturate by 10%, it is **32.4190, 17.8812, -38.8706**.

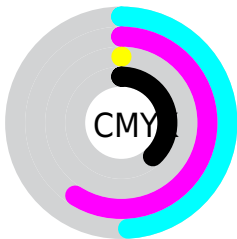
Distribution



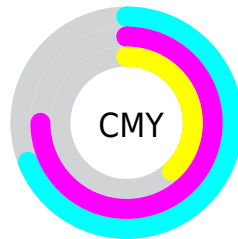
- Red (31%)
- Green (25%)
- Blue (62%)



- Red (31%)
- Yellow (25%)
- Blue (62%)



- Cyan (49%)
- Magenta (59%)
- Yellow (0%)
- Black (38%)



- Cyan (69%)
- Magenta (75%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.0016, 23.1149, -50.8334 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 28.0016, 23.1149, -50.8334 by changing the saturation by 10% instead.

28.0016, 23.1149,
-50.8334

28.0016, 23.1149,
-50.8334

132.0911, 30.5556,
-56.3374

19.9837, 21.7221,
-51.4525

46.5257, 25.4921,
-51.4244

12.9225, 20.2046,
-53.8115

56.8971, 26.4952,
-52.0645

6.3566, 22.7644,
-68.0794

67.9418, 27.3904,
-52.7816

0.0000, INF, -NF

79.6210, 28.1877,
-53.5254

0.0000, NaN, -NF

91.9020, 28.8959,
-54.2669

0.0000, NaN, -NF

104.7565, 29.5226,

0.0000, NaN, NaN

-54.9889

0.0000, NaN, NaN

118.1601, 30.0739,
-55.6811

■ 28.0016, 23.1149,
-50.8334

■ 28.0016, 23.1149,
-50.8334

■ 24.0593, 28.7061,
-64.3880

■ 32.4190, 17.8812,
-38.8706

■ 20.7404, 34.3511,
-79.0905

■ 37.2017, 13.0528,
-28.4024

■ 18.2263, 39.2772,
-93.3090

■ 42.2739, 8.5849,
-19.1694

■ 16.5129, 42.9577,
-105.2186

■ 47.5823, 4.4097,
-10.9100

■ 16.4325, 43.1636,
-105.8332

■ 53.0887, 0.4632,
-3.4054

■ 58.7650, -3.3075,
3.5158

■ 64.5900, -6.9443,
9.9849

■ 70.5475, -10.4795,
16.1015

■ 76.6246, -13.9382,
21.9418

Harmonies

Analogous

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



28.0020, 0.6117, -66.6238



28.0016, 23.1149, -50.8334



28.0020, 42.4549, -21.0482

Triad

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



28.0020, 23.1154, -50.8324



28.0020, 18.4674, 18.7429



28.0020, -30.7739, -0.5243

Complementary

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



28.0016, 23.1149, -50.8334



55.2943, -18.2968, 28.5507

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.



28.0020, -28.4760, 13.6658



28.0016, 23.1149, -50.8334



28.0020, -3.5424, 19.6014

Square

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



28.0020, 23.1154, -50.8324



28.0020, 39.2783, 15.1501



28.0020, -19.7540, 18.2812



28.0020, -27.2659, -27.2092

Rectangle

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



28.0016, 23.1149, -50.8334



28.0020, 48.7040, -3.3470



28.0020, -19.7540, 18.2812



28.0020, -30.6516, 5.6522

Sweetspot

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



28.0020, 23.1154, -50.8324



64.9557, 5.3211, -13.5011



47.9626, -16.9124, -10.7293



29.8841, 3.2451, -7.8041



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



28.0020, 23.1154, -50.8324



31.0310, 40.9096, -92.4020



32.5915, 34.4726, -38.1608



25.4693, 0.1763, -1.5449



14.7483, 38.6622, -94.3854



2.2838, 5.4590, -10.5228

Inverse Universe

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



35.9012, 40.6716, -19.4276



44.4771, 65.1099, -30.1487



52.2254, -30.1922, 26.1457



25.9522, 1.7369, -0.3179



26.7235, 50.7030, -21.0111



3.6383, 7.0079, -3.6738

Previews

White Background



This preview shows how the HunterLab color 28.0016, 23.1149, -50.8334 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 28.0016, 23.1149, -50.8334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

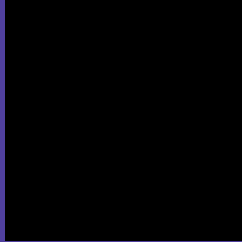
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 28.0016, 23.1149, -50.8334 Background



This preview shows how black text looks on a background with the HunterLab color 28.0016, 23.1149, -50.8334.



This preview shows how white text looks on a background with the HunterLab color 28.0016, 23.1149, -50.8334.

-50.8334.

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

28.0016, 23.1149, -50.8334

Protanopia

27.8882, 9.4793, -55.3209

Deuteranopia

27.9427, 0.6088, -36.2401



Tritanopia

28.0809, -5.9024, -3.2233

Trichromacy



Original Color

28.0016, 23.1149, -50.8334

Protanomaly

27.3297, 12.6341, -56.0877

Deuteranomaly

27.2028, 6.7874, -43.2827

Tritanomaly

27.5681, 3.5141, -17.8344

Monochromacy



Original Color

28.0016, 23.1149, -50.8334

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

27.7232, 5.9801, -13.1541

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.0016, 23.1149, -50.8334 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(80, 64, 158)` looks like.

```
.text, #text, p{  
    color:rgb(80, 64, 158)  
}
```

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(80, 64, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 64, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 28.0016, 23.1149, -50.8334 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(80, 64, 158) }
```


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

```
.border{ border-color:rgb(80, 64, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 64, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 64, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 64, 158);  
box-shadow:4px 4px 4px 4px rgb(80, 64,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.0016, 23.1149, -50.8334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 64, 158) }
```

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

```
.background{ background-color: rgb(80, 64,  
158) }
```

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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