

Converting Colors

HunterLab(40.7329, 64.7797,
-55.9187)

Have a look what the booklet for
HunterLab(40.7329, 64.7797,
-55.9187) contains.

HunterLab(40.7327, 64.8453, -56.0060)	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(40.7327, 64.8453,
-56.0060)**

Conversions

Conversions Part 1

Format	Color
Hex	B534CB
RGB	181, 52, 203
RGB Percent	71%, 20%, 80%
CMY	0.2902, 0.7961, 0.2039
CMYK	0.11, 0.74, 0.00, 0.20
HSL	291°, 59%, 50%
HSV	291°, 74%, 80%
XYZ	31.0635, 16.5915, 58.0651
YIQ	107.7850, 28.4130, 74.3090

Conversions

Conversions Part 2

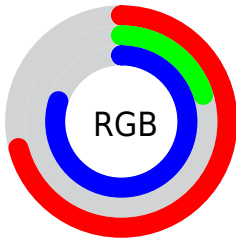
Format	Color
RYB	181, 52, 203
Decimal	11875531
CIELab	47.74, 69.66, -52.29
CIELCh	48, 87.101, 323.108
Yxy	16.5922, 0.2938, 0.1569
Android (android.graphics.Color)	4290065611 (0xFFB534CB)
YUV	107.7850, 46.9410, 64.2096
Hunter-Lab	40.7327, 64.8453, -56.0060

Details

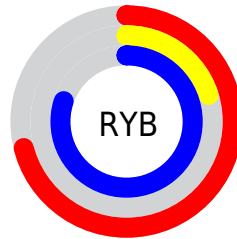
The HunterLab color $40.7327, 64.8453, -56.0060$ is a dark color, and the websafe version is hex $CC33CC$. The color can be described as middle muted purple. A complement of this color would be $66.6453, -50.2053, 37.2968$, and the grayscale version is $38.4634, -2.0523, 2.0898$.

A 20% lighter version of the original color is $60.9214, 68.2199, -53.3405$, and $25.3440, 51.8386, -49.0187$ is the 20% darker color. If you saturate the color by 10%, you get $38.4698, 70.2930, -62.1431$, and if you desaturate by 10%, it is $43.7852, 57.3944, -48.5224$.

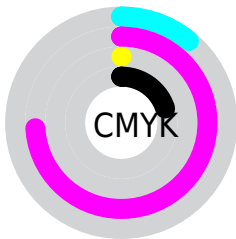
Distribution



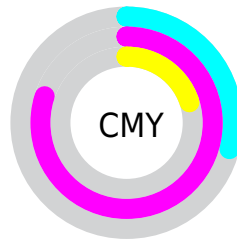
- Red (71%)
- Green (20%)
- Blue (80%)



- Red (71%)
- Yellow (20%)
- Blue (80%)



- Cyan (11%)
- Magenta (74%)
- Yellow (0%)
- Black (20%)



- Cyan (29%)
- Magenta (80%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7327, 64.8453, -56.0060 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 40.7327, 64.8453, -56.0060 by changing the saturation by 10% instead.

40.7327, 64.8453,
-56.0060

40.7327, 64.8453,
-56.0060

152.5816, 82.3693,
-62.2383

31.5344, 62.5518,
-55.8518

61.3379, 69.3500,
-57.1408

23.1559, 60.3781,
-56.3689

72.6465, 71.4878,
-57.8743

15.6881, 58.6497,
-58.3496

84.5757, 73.5325,
-58.6395

9.2580, 58.3951,
-64.1324

97.0945, 75.4818,
-59.4074

0.0000, INF, -NF

0.0000, NaN, -NF

110.1766, 77.3370,
-60.1603

0.0000, NaN, NaN

123.7984, 79.1010,

0.0000, NaN, NaN

-60.8872

137.9396, 80.7772,
-61.5812

■ 40.7327, 64.8453,
-56.0060

■ 40.7327, 64.8453,
-56.0060

■ 38.4698, 70.2930,
-62.1431

■ 43.7852, 57.3944,
-48.5224

■ 36.9927, 73.2784,
-66.4781

■ 47.5665, 48.5984,
-40.2645

■ 36.3931, 74.1719,
-68.3237

■ 51.9922, 39.0563,
-31.7095

■ 56.9724, 29.2086,
-23.1811

■ 62.4241, 19.3310,
-14.8597

■ 68.2761, 9.5735,
-6.8249

■ 74.4699, 0.0041,
0.9049

■ 80.9578, -9.3572,
8.3437

■ 87.7011, -18.5163,
15.5201

Harmonies

Analogous

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



40.7336, 26.9625, -107.3944



40.7327, 64.8453, -56.0060



40.7336, 85.7658, -6.0210

Triad

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



40.7336, 64.8439, -56.0041



40.7336, 6.0146, 28.5135



40.7336, -46.7141, -30.7455

Complementary

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



40.7327, 64.8453, -56.0060



66.6453, -50.2053, 37.2968

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.



40.7336, -49.0446, 9.0286



40.7327, 64.8453, -56.0060



40.7336, -24.8947, 28.2894

Square

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



40.7336, 64.8439, -56.0041



40.7336, 45.2645, 27.2259



40.7336, -42.5400, 24.7250



40.7336, -34.5986, -86.1792

Rectangle

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



40.7327, 64.8453, -56.0060



40.7336, 83.6359, 14.0011



40.7336, -42.5400, 24.7250



40.7336, -48.4582, -14.6641

Sweetspot

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



40.7336, 64.8439, -56.0041



82.3186, 22.3612, -17.0255



31.6661, 27.3835, -85.7961



37.1482, 11.9616, -9.2198

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.7336, 64.8439, -56.0041



48.5513, 93.6072, -83.9775



41.6652, 61.4975, -14.4006



33.6418, 2.2543, -1.3845



29.0854, 59.2437, -54.3366



6.7793, 13.6979, -11.8055

Inverse Universe

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



39.5569, 53.0327, 15.5918



47.3614, 77.3023, 24.9901



66.6777, -48.9170, 28.3813



33.5259, 1.3755, 2.2506



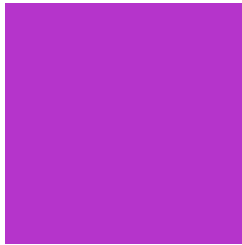
28.5422, 49.1126, 16.6354



6.5502, 11.4038, 2.7874

Previews

White Background



This preview shows how the HunterLab color 40.7327, 64.8453, -56.0060 looks on a white background.

Color Contrast Check

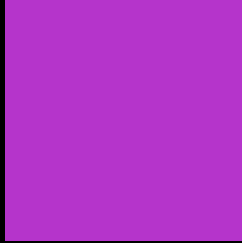
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.7327, 64.8453, -56.0060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

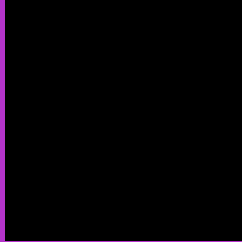
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 40.7327, 64.8453, -56.0060 Background



This preview shows how black text looks on a background with the HunterLab color 40.7327, 64.8453, -56.0060.



This preview shows how white text looks on a background with the HunterLab color 40.7327, 64.8453, -56.0060.

-56.0060.

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

40.7327, 64.8453, -56.0060

Protanopia

41.2735, 15.4952, -85.0381

Deuteranopia

41.2087, 3.4441, -47.1362



Tritanopia

40.6949, 24.5593, 9.0290

Trichromacy



Original Color

40.7327, 64.8453, -56.0060

Protanomaly

36.8469, 27.5802, -88.0121

Deuteranomaly

38.0924, 24.1745, -58.3229

Tritanomaly

39.8196, 38.3989, -9.4730

Monochromacy



Original Color

40.7327, 64.8453, -56.0060

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

37.5680, 21.8685, -17.4802

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7327, 64.8453, -56.0060 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(181, 52, 203)` looks like.

```
.text, #text, p{  
    color:rgb(181, 52, 203)  
}
```

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(181, 52, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 52, 203) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7327, 64.8453, -56.0060 is called "border". The border property can be set on classes, ids or directly on the HTML element.

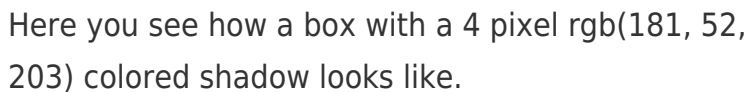
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 52, 203) }
```


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

```
.border{ border-color:rgb(181, 52, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 52, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 52, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 52, 203);  
box-shadow:4px 4px 4px 4px rgb(181, 52,  
203) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7327, 64.8453, -56.0060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 52, 203) }
```

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

```
.background{ background-color: rgb(181, 52,  
203) }
```

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