

Converting Colors

HunterLab(42.5719, 77.0091,
-62.9156)

Have a look what the booklet for
HunterLab(42.5719, 77.0091,
-62.9156) contains.

HunterLab(42.5323, 76.8700, -63.0084)	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(42.5323, 76.8700,
-63.0084)**

Conversions

Conversions Part 1

Format	Color
Hex	C524D8
RGB	197, 36, 216
RGB Percent	77%, 14%, 85%
CMY	0.2274, 0.8588, 0.1529
CMYK	0.09, 0.83, 0.00, 0.15
HSL	294°, 71%, 49%
HSV	294°, 83%, 85%
XYZ	36.0516, 18.0900, 66.5574
YIQ	104.6590, 38.1760, 90.1120

Conversions

Conversions Part 2

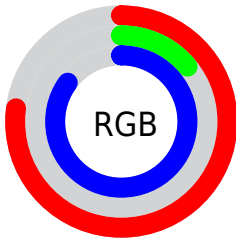
Format	Color
<code>RYB</code>	<code>197, 36, 216</code>
Decimal	<code>12920024</code>
CIELab	<code>49.61, 79.15, -56.62</code>
CIELCh	<code>50, 97.322, 324.422</code>
Yxy	<code>18.0908, 0.2987, 0.1499</code>
Android (<code>android.graphics.Color</code>)	<code>4291110104 (0xFFC524D8)</code>
YUV	<code>104.6590, 54.8911, 80.9831</code>
Hunter-Lab	<code>42.5323, 76.8700, -63.0084</code>

Details

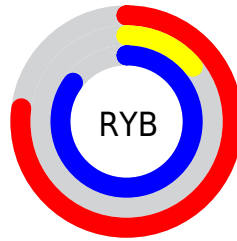
The HunterLab color **42.5323, 76.8700, -63.0084** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **70.7473, -57.0715, 41.1957**, and the grayscale version is **37.2464, -1.9874, 2.0237**.

A 20% lighter version of the original color is **61.9521, 76.6768, -51.0255**, and **28.1804, 57.2660, -51.6053** is the 20% darker color. If you saturate the color by 10%, you get **41.0465, 80.3357, -67.1418**, and if you desaturate by 10%, it is **44.8614, 70.7667, -56.9787**.

Distribution



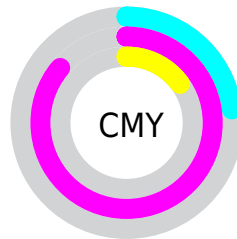
- Red (77%)
- Green (14%)
- Blue (85%)



- Red (77%)
- Yellow (14%)
- Blue (85%)



- Cyan (9%)
- Magenta (83%)
- Yellow (0%)
- Black (15%)



- Cyan (23%)
- Magenta (86%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.5323, 76.8700, -63.0084 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 42.5323, 76.8700, -63.0084 by changing the saturation by 10% instead.

42.5323, 76.8700,
-63.0084

42.5323, 76.8700,
-63.0084

155.3648, 96.4709,
-69.3946

33.1891, 74.4661,
-62.9915

63.3971, 81.7431,
-64.0334

24.6516, 72.2796,
-63.7387

74.8240, 84.1039,
-64.7626

17.0058, 70.7145,
-66.0863

86.8652, 86.3847,
-65.5446

10.3711, 70.9428,
-72.3631

99.4909, 88.5784,
-66.3447

0.0000, INF, -NF

0.0000, NaN, -NF

112.6753, 90.6827,
-67.1413

0.0000, NaN, -NF

126.3954, 92.6982,

0.0000, NaN, NaN

-67.9205

140.6313, 94.6267,
-68.6735

■ 42.5323, 76.8700,
-63.0084

■ 42.5323, 76.8700,
-63.0084

■ 41.0465, 80.3357,
-67.1418

■ 44.8614, 70.7667,
-56.9787

■ 40.4002, 81.4582,
-69.0215

■ 48.0370, 62.5064,
-49.4904

■ 52.0031, 52.7759,
-41.1015

■ 56.6717, 42.2216,
-32.3076

■ 61.9478, 31.3271,
-23.4584

■ 67.7424, 20.4008,
-14.7604

■ 73.9782, 9.6134,
-6.3139

■ 80.5909, -0.9562,
1.8480

■ 87.5279, -11.2838,
9.7298

Harmonies

Analogous

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



42.5332, 33.1233, -125.9744



42.5323, 76.8700, -63.0084



42.5332, 100.1786, -5.1662

Triad

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



42.5332, 76.8684, -63.0063



42.5332, 5.2153, 29.7733



42.5332, -51.0724, -38.6478

Complementary

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



42.5323, 76.8700, -63.0084



70.7473, -57.0715, 41.1957

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.



42.5332, -53.9244, 8.6442



42.5323, 76.8700, -63.0084



42.5332, -28.9005, 29.7733

Square

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



42.5332, 76.8684, -63.0063



42.5332, 50.3348, 29.1521



42.5332, -47.4889, 26.3530



42.5332, -37.5189, -105.0746

Rectangle

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



42.5323, 76.8700, -63.0084



42.5332, 96.6075, 16.4546



42.5332, -47.4889, 26.3530



42.5332, -53.0498, -19.3894

Sweetspot

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



42.5332, 76.8684, -63.0063



80.3721, 27.1236, -19.7918



28.7405, 40.2949, -115.6062



36.0236, 14.7110, -10.8736

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.5332, 76.8684, -63.0063



48.7111, 98.2409, -83.4189



42.3887, 69.9085, -11.2686



35.4444, 2.5240, -1.4293



31.1272, 62.7336, -52.9657



7.7714, 15.5862, -12.6332

Inverse Universe

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



40.1711, 61.4054, 20.4922



46.1939, 79.2789, 28.5280



71.0685, -54.4603, 31.6877



35.2731, 1.4071, 2.5356



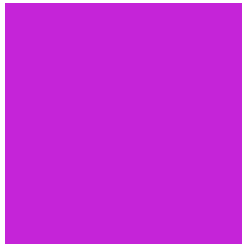
29.4701, 50.6170, 17.8912



7.2885, 12.6193, 3.6432

Previews

White Background



This preview shows how the HunterLab color 42.5323, 76.8700, -63.0084 looks on a white background.

Color Contrast Check

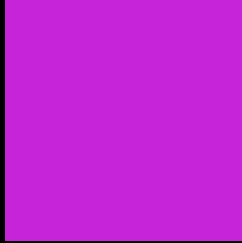
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.5323, 76.8700, -63.0084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

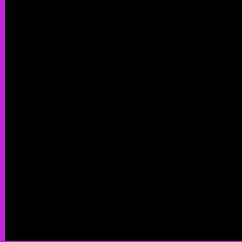
Any Text WCAG AA ✓ Pass

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 42.5323, 76.8700, -63.0084 Background



This preview shows how black text looks on a background with the HunterLab color 42.5323, 76.8700, -63.0084.



This preview shows how white text looks on a background with the HunterLab color 42.5323, 76.8700, -63.0084.

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

42.5323, 76.8700, -63.0084

Protanopia

42.9481, 16.4608, -89.2156

Deuteranopia

43.0691, 3.7218, -52.0380



Tritanopia

42.5464, 30.6765, 11.3326

Trichromacy



Original Color

42.5323, 76.8700, -63.0084

Protanomaly

37.3048, 33.8036, -98.9446

Deuteranomaly

38.3433, 29.6517, -68.1283

Tritanomaly

41.0348, 47.4533, -9.7324

Monochromacy



Original Color

42.5323, 76.8700, -63.0084

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

36.3111, 27.2060, -20.8895

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.5323, 76.8700, -63.0084 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(197, 36, 216)` looks like.

```
.text, #text, p{  
    color:rgb(197, 36, 216)  
}
```

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(197, 36, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 36, 216) }
```

Border

The CSS property to change the border of an element to HunterLab 42.5323, 76.8700, -63.0084 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(197, 36, 216) }
```


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

```
.border{ border-color:rgb(197, 36, 216) }
```

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

Here you see how a box with a 4 pixel rgb(197, 36, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 36, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 36, 216);  
box-shadow:4px 4px 4px 4px rgb(197, 36,  
216) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.5323, 76.8700, -63.0084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 36, 216) }
```

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

```
.background{ background-color: rgb(197, 36,  
216) }
```

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