

Converting Colors

HunterLab(42.4855, 66.6781,
-20.0316)

Have a look what the booklet for
HunterLab(42.4855, 66.6781,
-20.0316) contains.

HunterLab(42.4871, 66.6024, -20.3546)	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(42.4871, 66.6024,
-20.3546)**

Conversions

Conversions Part 1

Format	Color
Hex	D02FA2
RGB	208, 47, 162
RGB Percent	82%, 18%, 64%
CMY	0.1843, 0.8156, 0.3647
CMYK	0.00, 0.77, 0.22, 0.18
HSL	317°, 63%, 50%
HSV	317°, 77%, 82%
XYZ	33.5505, 18.0515, 35.8984
YIQ	108.2490, 59.0410, 69.8970

Conversions

Conversions Part 2

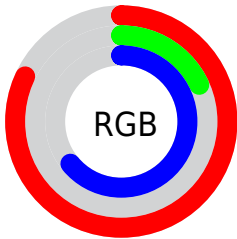
Format	Color
RYB	208, 47, 162
Decimal	13643682
CIELab	49.56, 70.78, -25.13
CIElCh	50, 75.112, 340.452
Yxy	18.0525, 0.3834, 0.2063
Android (android.graphics.Color)	4291833762 (0xFFD02FA2)
YUV	108.2490, 26.4992, 87.4816
Hunter-Lab	42.4871, 66.6024, -20.3546

Details

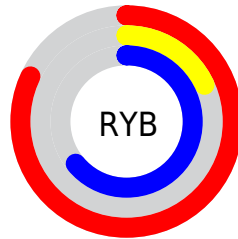
The HunterLab color **42.4871, 66.6024, -20.3546** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **68.1960, -52.0615, 32.1050**, and the grayscale version is **38.7080, -2.0654, 2.1031**.

A 20% lighter version of the original color is **61.1732, 66.0986, -24.7729**, and **27.4141, 51.0540, -14.1184** is the 20% darker color. If you saturate the color by 10%, you get **40.6944, 70.8684, -19.5455**, and if you desaturate by 10%, it is **45.1070, 60.0847, -19.8114**.

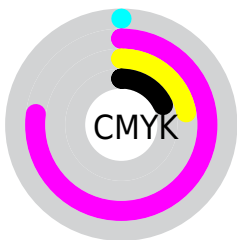
Distribution



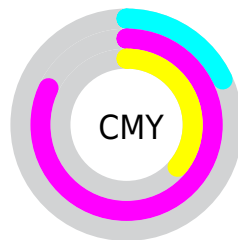
- Red (82%)
- Green (18%)
- Blue (64%)



- Red (82%)
- Yellow (18%)
- Blue (64%)



- Cyan (0%)
- Magenta (77%)
- Yellow (22%)
- Black (18%)



- Cyan (18%)
- Magenta (82%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.4871, 66.6024, -20.3546 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 42.4871, 66.6024, -20.3546 by changing the saturation by 10% instead.

42.4871, 66.6024,
-20.3546

42.4871, 66.6024,
-20.3546

155.2954, 84.2630,
-22.4535

33.1476, 64.2859,
-19.8443

63.3457, 71.1343,
-21.2166

24.6141, 62.0724,
-19.3128

74.7696, 73.2858,
-21.5601

16.9727, 60.2456,
-18.8293

86.8081, 75.3446,
-21.8445

10.3430, 59.6531,
-18.6148

99.4312, 77.3090,
-22.0716

0.0000, INF, -NF

0.0000, NaN, NaN

112.6130, 79.1799,
-22.2437

0.0000, NaN, NaN

126.3307, 80.9603,

0.0000, NaN, NaN

-22.3631

140.5642, 82.6534,
-22.4323

■ 42.4871, 66.6024,
-20.3546

■ 42.4871, 66.6024,
-20.3546

■ 40.6944, 70.8684,
-19.5455

■ 45.1070, 60.0847,
-19.8114

■ 39.6649, 72.7270,
-17.4877

■ 48.5197, 51.8781,
-18.0568

■ 39.4539, 73.0308,
-16.8682

■ 52.6530, 42.6008,
-15.3304

■ 57.4168, 32.7722,
-11.8859

■ 62.7215, 22.7543,
-7.9383

■ 68.4869, 12.7659,
-3.6489

■ 74.6449, 2.9221,
0.8696

■ 81.1394, -6.7283,
5.5423

■ 87.9245, -16.1747,
10.3202

Harmonies

Analogous

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



42.4882, 41.8259, -63.8827



42.4871, 66.6024, -20.3546



42.4882, 70.3213, 11.0843

Triad

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



42.4882, 66.5993, -20.3530



42.4882, -12.2020, 28.6118



42.4882, -37.7592, -50.6574

Complementary

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



42.4871, 66.6024, -20.3546



68.1960, -52.0615, 32.1050

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.



42.4882, -45.3083, -8.8502



42.4871, 66.6024, -20.3546



42.4882, -33.5016, 26.4282

Square

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



42.4882, 66.5993, -20.3530



42.4882, 18.7253, 28.3092



42.4882, -44.0020, 16.8423



42.4882, -19.8428, -88.2180

Rectangle

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



42.4871, 66.6024, -20.3546



42.4882, 59.5041, 21.7400



42.4882, -44.0020, 16.8423



42.4882, -41.3344, -35.7804

Sweetspot

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



42.4882, 66.5993, -20.3530



81.9056, 23.4439, -7.8087



29.8254, 48.8199, -99.3945



36.6901, 12.9789, -4.5100

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.4882, 66.5993, -20.3530



50.2850, 91.0835, -23.0109



40.0642, 57.0806, 13.9053



34.5674, 2.3032, -0.0256



31.1753, 57.7548, -13.7009



7.4614, 13.9762, -4.4677

Inverse Universe

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



42.4882, 66.5993, -20.3530



50.2850, 91.0835, -23.0109



69.8128, -42.1865, 8.6523



34.5674, 2.3032, -0.0256



31.1753, 57.7548, -13.7009



7.4614, 13.9762, -4.4677

Previews

White Background



This preview shows how the HunterLab color 42.4871, 66.6024, -20.3546 looks on a white background.

Color Contrast Check

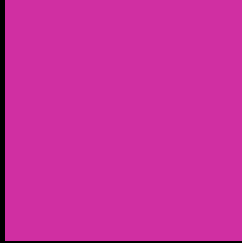
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.4871, 66.6024, -20.3546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

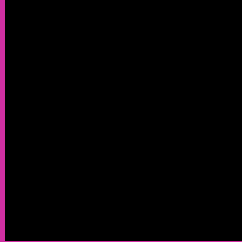
Any Text WCAG AA ✓ Pass

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 42.4871, 66.6024, -20.3546 Background



This preview shows how black text looks on a background with the HunterLab color 42.4871, 66.6024, -20.3546.



This preview shows how white text looks on a background with the HunterLab color 42.4871, 66.6024, -20.3546.

-20.3546.

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

42.4871, 66.6024, -20.3546

Protanopia

42.9937, 11.8639, -62.8902

Deuteranopia

42.7030, 3.3414, -15.4712



Tritanopia

42.4604, 43.6203, 16.3300

Trichromacy



Original Color

42.4871, 66.6024, -20.3546

Protanomaly

39.1036, 29.0988, -54.5795

Deuteranomaly

40.1068, 26.7231, -21.3149

Tritanomaly

42.1233, 51.7438, 6.0983

Monochromacy



Original Color

42.4871, 66.6024, -20.3546

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

37.6077, 23.0655, -8.6187

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.4871, 66.6024, -20.3546 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(208, 47, 162)` looks like.

```
.text, #text, p{  
    color:rgb(208, 47, 162)  
}
```

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(208, 47, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 47, 162) }
```

Border

The CSS property to change the border of an element to HunterLab 42.4871, 66.6024, -20.3546 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(208, 47, 162) }
```


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

```
.border{ border-color:rgb(208, 47, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 47, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 47, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 47, 162);  
box-shadow:4px 4px 4px 4px rgb(208, 47,  
162) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.4871, 66.6024, -20.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 47, 162) }
```

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

```
.background{ background-color: rgb(208, 47,  
162) }
```

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