

Converting Colors

HunterLab(46.7350, 66.7815,
-21.7899)

Have a look what the booklet for
HunterLab(46.7350, 66.7815,
-21.7899) contains.

HunterLab(46.7140, 66.4514, -21.5277)	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(46.7140, 66.4514,
-21.5277)**

Conversions

Conversions Part 1

Format	Color
Hex	DB40AF
RGB	219, 64, 175
RGB Percent	86%, 25%, 69%
CMY	0.1412, 0.7490, 0.3137
CMYK	0.00, 0.71, 0.20, 0.14
HSL	317°, 68%, 55%
HSV	317°, 71%, 86%
XYZ	38.7846, 21.8220, 42.7253
YIQ	122.9990, 56.7490, 67.3810

Conversions

Conversions Part 2

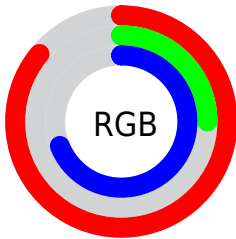
Format	Color
R _{YB}	219, 64, 175
Decimal	14368943
CIE Lab	53.84, 69.83, -26.01
CIE LCh	54, 74.520, 339.572
Yxy	21.8231, 0.3753, 0.2112
Android (android.graphics.Color)	4292559023 (0xFFDB40AF)
YUV	122.9990, 25.6365, 84.1929
Hunter-Lab	46.7140, 66.4514, -21.5277

Details

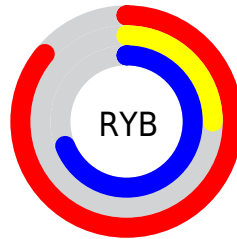
The HunterLab color **46.7140, 66.4514, -21.5277** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **72.6887, -53.1572, 32.2856**, and the grayscale version is **44.3941, -2.3688, 2.4120**.

A 20% lighter version of the original color is **64.3777, 61.6629, -28.8779**, and **29.7972, 55.7441, -17.2998** is the 20% darker color. If you saturate the color by 10%, you get **44.2496, 72.5712, -21.6150**, and if you desaturate by 10%, it is **50.0463, 58.2859, -20.0706**.

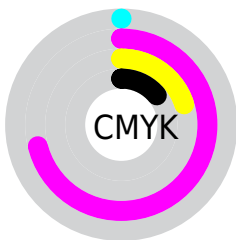
Distribution



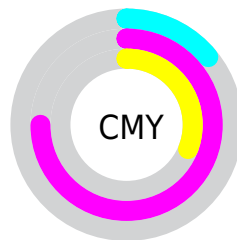
- Red (86%)
- Green (25%)
- Blue (69%)



- Red (86%)
- Yellow (25%)
- Blue (69%)



- Cyan (0%)
- Magenta (71%)
- Yellow (20%)
- Black (14%)



- Cyan (14%)
- Magenta (75%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.7140, 66.4514, -21.5277 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 46.7140, 66.4514, -21.5277 by changing the saturation by 10% instead.

46.7140, 66.4514,
-21.5277

46.7140, 66.4514,
-21.5277

161.7470, 83.5503,
-23.6398

37.0499, 64.1491,
-21.0173

68.1567, 70.8793,
-22.3862

28.1620, 61.8799,
-20.4781

79.8476, 72.9656,
-22.7291

20.1267, 59.8230,
-19.9600

92.1397, 74.9571,
-23.0140

13.0462, 58.4760,
-19.6112

105.0048, 76.8538,
-23.2428

6.5190, 66.6428,
-22.4629

118.4185, 78.6580,
-23.4174

0.0000, INF, -NF

0.0000, INF, NaN

132.3593, 80.3730,

-23.5403

0.0000, NaN, NaN

146.8079, 82.0025,
-23.6137

0.0000, NaN, NaN

■ 46.7140, 66.4514,
-21.5277

■ 46.7140, 66.4514,
-21.5277

■ 44.2496, 72.5712,
-21.6150

■ 50.0463, 58.2859,
-20.0706

■ 42.6575, 76.1559,
-20.2593

■ 54.1770, 48.7500,
-17.4810


■ 41.8194, 77.4239,
-17.9915


■ 59.0148, 38.4479,
-14.0334


■ 64.4623, 27.8272,
-9.9767

■ 70.4296, 17.1716,
-5.5039

 76.8393, 6.6378,
-0.7523

 83.6269, -3.7013,
4.1857

 90.7401, -13.8233,
9.2495

 96.0974, -20.7025,
12.2287

Harmonies

Analogous

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



46.7152, 41.2251, -64.4810



46.7140, 66.4514, -21.5277



46.7152, 70.8663, 10.9279

Triad

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



46.7152, 66.4483, -21.5260



46.7152, -11.8849, 30.9153



46.7152, -39.7592, -49.0369

Complementary

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



46.7140, 66.4514, -21.5277



72.6887, -53.1572, 32.2856

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.



46.7152, -47.5206, -7.7584



46.7140, 66.4514, -21.5277



46.7152, -34.3890, 28.3876

Square

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



46.7152, 66.4483, -21.5260



46.7152, 19.8755, 30.4656



46.7152, -45.8471, 18.1685



46.7152, -21.3155, -86.2410

Rectangle

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



46.7140, 66.4514, -21.5277



46.7152, 60.5109, 22.5950



46.7152, -45.8471, 18.1685



46.7152, -43.4570, -34.3885

Sweetspot

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



46.7152, 66.4483, -21.5260



83.3803, 20.9164, -6.7635



34.5913, 46.7732, -92.7361



37.6387, 11.3047, -3.8301

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.7152, 66.4483, -21.5260



51.5106, 88.7322, -25.0929



44.2742, 56.5044, 12.9319



36.3435, 2.4509, -0.0470



32.2328, 59.7280, -14.2746



8.2922, 15.5159, -4.8384

Inverse Universe

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



46.7152, 66.4483, -21.5260



51.5106, 88.7322, -25.0929



74.3465, -43.0783, 8.2691



36.3435, 2.4509, -0.0470



32.2328, 59.7280, -14.2746



8.2922, 15.5159, -4.8384

Previews

White Background



This preview shows how the HunterLab color 46.7140, 66.4514, -21.5277 looks on a white background.

Color Contrast Check

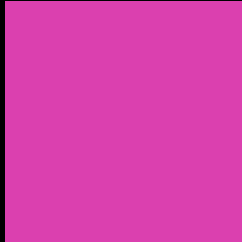
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 46.7140, 66.4514, -21.5277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

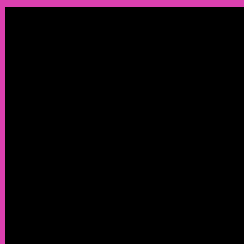
Any Text WCAG AA ✓ Pass

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 46.7140, 66.4514, -21.5277 Background



This preview shows how black text looks on a background with the HunterLab color 46.7140, 66.4514, -21.5277.



This preview shows how white text looks on a background with the HunterLab color 46.7140, 66.4514, -21.5277.

-21.5277.

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

46.7140, 66.4514, -21.5277

Protanopia

47.2115, 11.1368, -60.1721

Deuteranopia

46.9782, 3.2737, -16.5261



Tritanopia

46.6740, 43.2309, 16.0651

Trichromacy



Original Color

46.7140, 66.4514, -21.5277



Protanomaly

43.9020, 28.6577, -52.1687



Deuteranomaly

44.6467, 25.8831, -21.8830



Tritanomaly

46.3348, 51.4192, 5.4731

Monochromacy



Original Color

46.7140, 66.4514, -21.5277



Achromatopsia

44.5050, -2.3747, 2.4180



Achromatomaly

43.2722, 22.1793, -8.0117

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.7140, 66.4514, -21.5277 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(219, 64, 175)` looks like.

```
.text, #text, p{  
    color:rgb(219, 64, 175)  
}
```

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(219, 64, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 64, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 46.7140, 66.4514, -21.5277 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(219, 64, 175) }
```


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

```
.border{ border-color:rgb(219, 64, 175) }
```

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

Here you see how a box with a 4 pixel rgb(219, 64, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 64, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 64, 175);  
box-shadow:4px 4px 4px 4px rgb(219, 64,  
175) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.7140, 66.4514, -21.5277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 64, 175) }
```

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

```
.background{ background-color: rgb(219, 64,  
175) }
```

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