

# Converting Colors

HunterLab(64.7412, 40.1990,  
-34.8998)

Have a look what the booklet for  
HunterLab(64.7412, 40.1990,  
-34.8998) contains.

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# Color

**HunterLab(64.7412, 40.1990,  
-34.8998)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DD91F0
RGB	221, 145, 240
RGB Percent	87%, 57%, 94%
CMY	0.1333, 0.4314, 0.0588
CMYK	0.08, 0.40, 0.00, 0.06
HSL	288°, 76%, 75%
HSV	288°, 40%, 94%
XYZ	55.6724, 41.9142, 87.5940
YIQ	178.5540, 14.8010, 45.6570

# Conversions

## Conversions Part 2

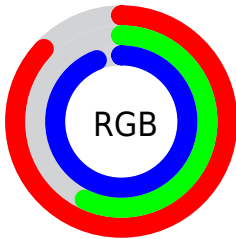
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	221, 145, 240
Decimal	14520816
CIE Lab	70.81, 44.16, -36.33
CIE LCh	71, 57.183, 320.552
Yxy	41.9160, 0.3006, 0.2263
Android (android.graphics.Color)	4292710896 (0xFFDD91F0)
YUV	178.5540, 30.2929, 37.2251
Hunter-Lab	64.7412, 40.1990, -34.8998

# Details

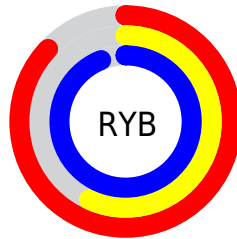
The HunterLab color **64.7412, 40.1990, -34.8998** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **85.0047, -40.4419, 32.9857**, and the grayscale version is **66.8291, -3.5658, 3.6310**.

A 20% lighter version of the original color is **83.5395, 24.6237, -15.2376**, and **43.5976, 37.4785, -34.1489** is the 20% darker color. If you saturate the color by 10%, you get **58.8191, 51.6703, -45.9500**, and if you desaturate by 10%, it is **71.2782, 28.5725, -24.1520**.

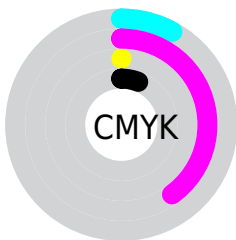
# Distribution



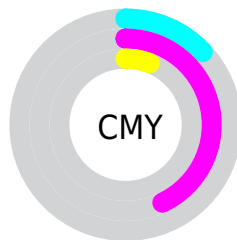
- Red (87%)
- Green (57%)
- Blue (94%)



- Red (87%)
- Yellow (57%)
- Blue (94%)



- Cyan (8%)
- Magenta (40%)
- Yellow (0%)
- Black (6%)



- Cyan (13%)
- Magenta (43%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.7412, 40.1990, -34.8998 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 64.7412, 40.1990, -34.8998 by changing the saturation by 10% instead.



64.7412, 40.1990,  
-34.8998

64.7412, 40.1990,  
-34.8998

188.1847, 48.7218,  
-38.5757

53.8846, 38.7950,  
-34.2690

88.3587, 42.6831,  
-36.0496

43.7124, 37.2771,  
-33.6286

101.0531, 43.7814,  
-36.5571

34.2755, 35.6401,  
-33.0181

114.3033, 44.7922,  
-37.0154

25.6367, 33.8906,  
-32.5253

128.0867, 45.7215,  
-37.4239

17.8778, 32.0677,  
-32.3569

142.3835, 46.5746,  
-37.7831

11.1130, 30.3258,  
-33.0865

157.1759, 47.3563,

3.0000, 66.5189,

-38.0940

-72.8671

172.4479, 48.0708,  
-38.3578

0.0000, INF, -NF

0.0000, NaN, -NF

■ 64.7412, 40.1990,  
-34.8998

■ 64.7412, 40.1990,  
-34.8998

■ 58.8191, 51.6703,  
-45.9500

■ 71.2782, 28.5725,  
-24.1520

■ 53.6189, 62.5747,  
-57.0227

■ 78.3302, 17.0293,  
-13.8350

■ 49.2597, 72.2661,  
-67.6062

■ 85.8197, 5.6784,  
-3.9731

■ 45.8447, 79.9168,  
-76.9680


■ 93.6832, -5.4414,  
5.4583


■ 43.4251, 84.7383,


■ 98.6023, -11.1745,


-84.3149


10.9919

 41.8880, 86.6197,  
-89.3595

 99.0448, -9.6124,  
11.5133

 41.8306, 86.6757,  
-89.5539

 99.4966, -8.0246,  
12.0437

 99.5346, -7.8915,  
12.0881

# Harmonies

## Analogous

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



64.7426, 15.1860, -59.2887



64.7412, 40.1990, -34.8998



64.7426, 54.0802, -4.8423

# Triad

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



64.7426, 40.1972, -34.8979



64.7426, 5.0169, 35.2066



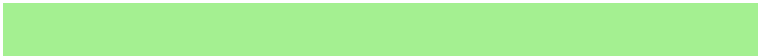
64.7426, -44.1845, -15.6494

# Complementary

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



64.7412, 40.1990, -34.8998



85.0047, -40.4419, 32.9857

# 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.



64.7426, -46.0200, 10.9043



64.7412, 40.1990, -34.8998



64.7426, -20.2051, 34.2461

# Square

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



64.7426, 40.1972, -34.8979



64.7426, 31.7445, 30.6754



64.7426, -37.9356, 27.1701



64.7426, -32.4472, -45.4531



# Rectangle

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



64.7412, 40.1990, -34.8998



64.7426, 53.8569, 11.6974



64.7426, -37.9356, 27.1701



64.7426, -45.8983, -5.8768

# Sweetspot

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



64.7426, 40.1972, -34.8979



89.9246, 9.0492, -6.8082



62.3408, 7.3889, -39.8608



41.1117, 4.9212, -3.7848

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



64.7426, 40.1972, -34.8979



64.4855, 52.4030, -46.3322



65.9591, 41.2145, -14.3287



39.8277, 2.5775, -1.7947



31.0419, 64.2543, -65.9416



9.1743, 18.8341, -18.2792



# Inverse Universe

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



64.3880, 33.5929, 7.9210



64.1383, 44.1467, 9.9229



84.4852, -41.3011, 23.4117



39.7625, 1.8025, 2.4248



32.0513, 55.3000, 17.5228



9.3183, 16.2227, 3.9687



# Previews

## White Background



This preview shows how the HunterLab color 64.7412, 40.1990, -34.8998 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

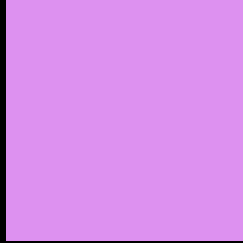
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 64.7412, 40.1990, -34.8998 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

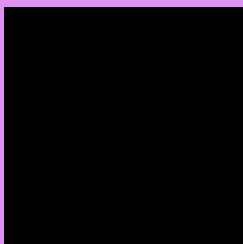
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

## HunterLab 64.7412, 40.1990, -34.8998 Background



This preview shows how black text looks on a background with the HunterLab color 64.7412, 40.1990, -34.8998.



This preview shows how white text looks on a background with the HunterLab color 64.7412, 40.1990, -34.8998.

-34.8998.

# 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

64.7412, 40.1990, -34.8998

### Protanopia

65.0888, 7.5556, -45.9393

### Deuteranopia

64.9553, 5.2323, -31.6254



## Tritanopia

64.7835, 15.8019, 4.4759

# Trichromacy



## Original Color

64.7412, 40.1990, -34.8998

## Protanomaly

64.5190, 18.2554, -43.0366

## Deuteranomaly

64.5433, 17.1113, -33.5287

## Tritanomaly

64.7464, 24.0533, -8.0542

# Monochromacy



## Original Color

64.7412, 40.1990, -34.8998

## Achromatopsia

67.1406, -3.5825, 3.6479

## Achromatomaly

65.8208, 11.2141, -9.0207

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 64.7412, 40.1990, -34.8998 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(221, 145, 240)` looks like.

```
.text, #text, p{  
    color:rgb(221, 145, 240)  
}
```

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(221, 145, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 145, 240) }
```

## Border

The CSS property to change the border of an element to HunterLab 64.7412, 40.1990, -34.8998 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(221, 145, 240) }
```



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

```
.border{ border-color:rgb(221, 145, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 145, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 145, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 145, 240); box-shadow:4px 4px 4px 4px rgb(221, 145, 240) }
```

# Background

The CSS property to change the background color of an element to HunterLab 64.7412, 40.1990, -34.8998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 145, 240) }
```

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

```
.background{ background-color: rgb(221,  
145, 240) }
```

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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