

Converting Colors

HunterLab(40.7939, 78.7525,
-90.0993)

Have a look what the booklet for
HunterLab(40.7939, 78.7525,
-90.0993) contains.

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Color

**HunterLab(40.8388, 78.7423,
-89.7765)**

Conversions

Conversions Part 1

Format	Color
Hex	B31FED
RGB	179, 31, 237
RGB Percent	70%, 12%, 93%
CMY	0.2980, 0.8784, 0.0706
CMYK	0.24, 0.87, 0.00, 0.07
HSL	283°, 85%, 53%
HSV	283°, 87%, 93%
XYZ	34.3664, 16.6781, 81.5286
YIQ	98.7360, 22.0820, 95.4420

Conversions

Conversions Part 2

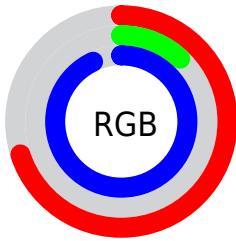
Format	Color
R_{YB}	179, 31, 237
Decimal	11739117
CIE _{Lab}	47.85, 80.98, -71.52
CIE _{LCh}	48, 108.045, 318.550
Yxy	16.6787, 0.2592, 0.1258
Android (android.graphics.Color)	4289929197 (0xFFB31FED)
YUV	98.7360, 68.1642, 70.3915
Hunter-Lab	40.8388, 78.7423, -89.7765

Details

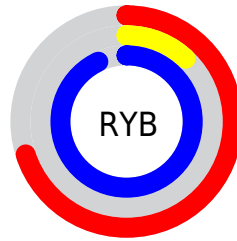
The HunterLab color **40.8388, 78.7423, -89.7765** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed purple. A complement of this color would be **79.2411, -60.6147, 46.7966**, and the grayscale version is **34.9722, -1.8660, 1.9001**.

A 20% lighter version of the original color is **59.0420, 73.6658, -57.3340**, and **26.8649, 58.2727, -77.7228** is the 20% darker color. If you saturate the color by 10%, you get **38.8343, 81.2000, -96.9730**, and if you desaturate by 10%, it is **43.8376, 73.1658, -80.0696**.

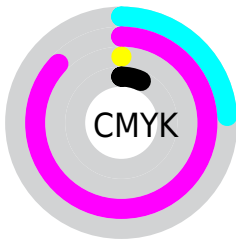
Distribution



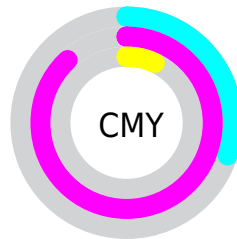
- Red (70%)
- Green (12%)
- Blue (93%)



- Red (70%)
- Yellow (12%)
- Blue (93%)



- Cyan (24%)
- Magenta (87%)
- Yellow (0%)
- Black (7%)



- Cyan (30%)
- Magenta (88%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.8388, 78.7423, -89.7765 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 40.8388, 78.7423, -89.7765 by changing the saturation by 10% instead.

40.8388, 78.7423,
-89.7765

40.8388, 78.7423,
-89.7765

152.7462, 98.8460,
-94.8872

31.6317, 76.3541,
-91.1526

61.4593, 83.6833,
-89.4746

23.2438, 74.2616,
-94.3032

72.7751, 86.0980,
-89.9284

15.7653, 72.9797,
-101.1319

84.7109, 88.4386,
-90.5827

9.3238, 74.0649,
-117.1890

97.2361, 90.6951,
-91.3586

0.0000, INF, -NF

0.0000, NaN, -NF

110.3242, 92.8637,
-92.2053

0.0000, NaN, -NF

123.9519, 94.9440,

0.0000, NaN, NaN

-93.0896

138.0987, 96.9374,
-93.9887

■ 40.8388, 78.7423,
-89.7765

■ 40.8388, 78.7423,
-89.7765

■ 38.8343, 81.2000,
-96.9730

■ 43.8376, 73.1658,
-80.0696

■ 38.3288, 81.5914,
-98.8909

■ 47.8256, 65.0968,
-68.7175

■ 52.7094, 55.4318,
-56.6742

■ 58.3646, 44.9403,
-44.6406

■ 64.6692, 34.1429,
-33.0100

71.5167, 23.3385,
-21.9465

78.8200, 12.6744,
-11.4782

86.5097, 2.2083,
-1.5660

94.5305, -8.0507,
7.8560

Harmonies

Analogous

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



40.8396, 27.1548, -161.0760



40.8388, 78.7423, -89.7765



40.8396, 112.5124, -16.3841

Triad

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



40.8396, 78.7419, -89.7743



40.8396, 15.3131, 28.5877



40.8396, -54.3225, -30.9835

Complementary

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



40.8388, 78.7423, -89.7765



79.2411, -60.6147, 46.7966

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.



40.8396, -55.3328, 14.8255



40.8388, 78.7423, -89.7765



40.8396, -25.0335, 28.5877

Square

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



40.8396, 78.7419, -89.7743



40.8396, 67.0889, 28.4332



40.8396, -47.1119, 27.4730



40.8396, -43.3770, -109.2511

Rectangle

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



40.8388, 78.7423, -89.7765



40.8396, 113.8913, 12.1612



40.8396, -47.1119, 27.4730



40.8396, -55.6028, -11.0827

Sweetspot

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



40.8396, 78.7419, -89.7743



78.3430, 24.4094, -22.8973



36.8949, 29.5565, -105.5023



35.0132, 13.1746, -12.4848

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.8396, 78.7419, -89.7743



41.6083, 88.6072, -107.6220



47.7566, 84.5126, -31.2716



38.8437, 2.2288, -1.8554



28.4430, 60.4458, -72.5983



8.2659, 17.3268, -19.2410

Inverse Universe

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



44.3916, 71.9718, 15.9900



46.6103, 80.8196, 22.3818



78.3433, -63.8687, 42.0320



38.8893, 1.8936, 1.9937



31.7310, 55.0929, 14.6704



8.9810, 15.7667, 2.8075

Previews

White Background



This preview shows how the HunterLab color 40.8388, 78.7423, -89.7765 looks on a white background.

Color Contrast Check

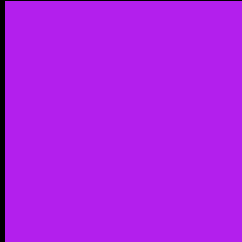
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.8388, 78.7423, -89.7765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

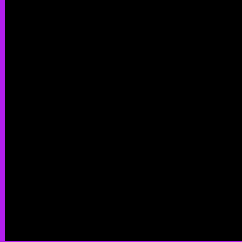
Any Text WCAG AA × Fail

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 40.8388, 78.7423, -89.7765 Background



This preview shows how black text looks on a background with the HunterLab color 40.8388, 78.7423, -89.7765.



This preview shows how white text looks on a background with the HunterLab color 40.8388, 78.7423, -89.7765.

-89.7765.

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

40.8388, 78.7423, -89.7765

Protanopia

41.2044, 15.1460, -84.1979

Deuteranopia

41.2727, 1.9047, -55.6991



Tritanopia

40.7604, 19.4581, 6.7917

Trichromacy



Original Color

40.8388, 78.7423, -89.7765



Protanomaly

35.9850, 36.1038, -105.4490



Deuteranomaly

35.6170, 26.7450, -84.6054



Tritanomaly

38.7411, 41.4506, -20.8644

Monochromacy



Original Color

40.8388, 78.7423, -89.7765



Achromatopsia

35.3231, -1.8847, 1.9192



Achromatomaly

34.1419, 27.9580, -27.8499

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.8388, 78.7423, -89.7765 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(179, 31, 237)` looks like.

```
.text, #text, p{  
    color:rgb(179, 31, 237)  
}
```

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(179, 31, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 31, 237) }
```

Border

The CSS property to change the border of an element to HunterLab 40.8388, 78.7423, -89.7765 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(179, 31, 237) }
```


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

```
.border{ border-color:rgb(179, 31, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 31, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 31, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 31, 237);  
box-shadow:4px 4px 4px 4px rgb(179, 31,  
237) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.8388, 78.7423, -89.7765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 31, 237) }
```

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

```
.background{ background-color: rgb(179, 31,  
237) }
```

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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