

Converting Colors

HunterLab(70.8592, 47.4217,
-23.1315)

Have a look what the booklet for
HunterLab(70.8592, 47.4217,
-23.1315) contains.

HunterLab(70.8629, 47.4392, -23.1827)	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(70.8629, 47.4392,
-23.1827)**

Conversions

Conversions Part 1

Format	Color
Hex	FF99EE
RGB	255, 153, 238
RGB Percent	100%, 60%, 93%
CMY	0.0000, 0.4000, 0.0667
CMYK	0.00, 0.40, 0.07, 0.00
HSL	310°, 100%, 80%
HSV	310°, 40%, 100%
XYZ	68.0638, 50.2155, 86.9941
YIQ	193.1880, 33.5070, 48.0590

Conversions

Conversions Part 2

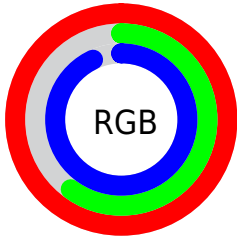
Format	Color
R_{YB}	255, 153, 238
Decimal	16751086
CIE _{Lab}	76.20, 49.91, -26.61
CIE _{LCh}	76, 56.562, 331.931
Yxy	50.2176, 0.3316, 0.2446
Android (android.graphics.Color)	4294941166 (0xFFFF99EE)
YUV	193.1880, 22.0923, 54.2091
Hunter-Lab	70.8629, 47.4392, -23.1827

Details

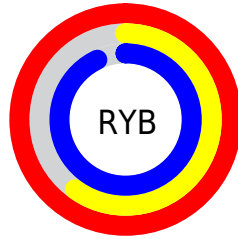
The HunterLab color $70.8629, 47.4392, -23.1827$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $90.1085, -46.4514, 29.6862$, and the grayscale version is $73.0062, -3.8954, 3.9666$.

A 20% lighter version of the original color is $86.0703, 19.6233, -11.7914$, and $49.1644, 44.4171, -22.2982$ is the 20% darker color. If you saturate the color by 10%, you get $65.1890, 60.3707, -29.4013$, and if you desaturate by 10%, it is $77.2842, 34.1106, -16.3779$.

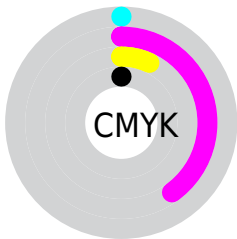
Distribution



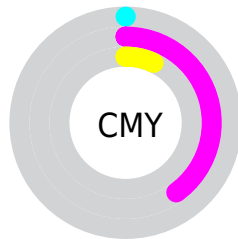
- Red (100%)
- Green (60%)
- Blue (93%)



- Red (100%)
- Yellow (60%)
- Blue (93%)



- Cyan (0%)
- Magenta (40%)
- Yellow (7%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.8629, 47.4392, -23.1827 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 70.8629, 47.4392, -23.1827 by changing the saturation by 10% instead.


 70.8629, 47.4392,
-23.1827


 70.8629, 47.4392,
-23.1827

196.8543, 57.2906,
-24.3981

 59.6542, 45.8889,
-22.7771


 95.1300, 50.2191,
-23.8156

 49.1069, 44.2309,
-22.3166

 108.1269, 51.4672,
-24.0486

 39.2668, 42.4609,
-21.8058


121.6671, 52.6277,
-24.2281

 30.1892, 40.5878,
-21.2619

135.7295, 53.7061,
-24.3563

 21.9443, 38.6485,
-20.7296

150.2955, 54.7073,
-24.4353

 14.6268, 36.7656,
-20.3319

165.3483, 55.6358,

 8.2865, 36.0653,

-24.4674

-20.8133

180.8725, 56.4957,
-24.4543

0.0000, INF, -NF

0.0000, NaN, -NF

■ 70.8629, 47.4392,
-23.1827

■ 70.8629, 47.4392,
-23.1827

■ 65.1890, 60.3707,
-29.4013

■ 77.2842, 34.1106,
-16.3779

■ 60.3731, 72.3497,
-34.6912

■ 84.3405, 20.7566,
-9.2424

■ 56.5233, 82.6190,
-38.6334

■ 91.9393, 7.5755,
-1.9384

■ 53.7110, 90.3694,
-40.8341

100.0000, -5.3358,
5.4332

■ 51.9364, 95.0148,

-41.0800

■ 51.0283, 96.7516,
-39.6199

■ 51.0281, 96.7518,
-39.6195

Harmonies

Analogous

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



70.8643, 25.4594, -51.3589



70.8629, 47.4392, -23.1827



70.8643, 55.1618, 5.4829

Triad

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



70.8643, 47.4361, -23.1811



70.8643, -5.5061, 37.3634



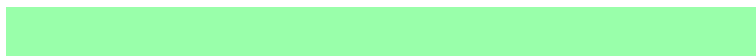
70.8643, -42.3000, -27.1341

Complementary

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



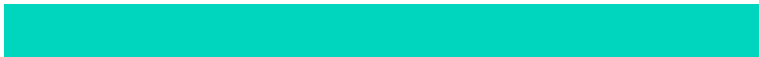
70.8629, 47.4392, -23.1827



90.1085, -46.4514, 29.6862

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.



70.8643, -48.1369, 2.1923



70.8629, 47.4392, -23.1827



70.8643, -28.9421, 34.0453

Square

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



70.8643, 47.4361, -23.1811



70.8643, 22.0226, 34.8332



70.8643, -43.6297, 23.2022



70.8643, -26.3575, -54.1734

Rectangle

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



70.8629, 47.4392, -23.1827



70.8643, 50.3962, 19.7789



70.8643, -43.6297, 23.2022



70.8643, -45.3929, -16.9113

Sweetspot

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



70.8643, 47.4361, -23.1811



90.3783, 10.1953, -3.4089



62.0895, 23.6480, -51.6688



41.3468, 5.5102, -2.0202

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.8643, 47.4361, -23.1811



66.2577, 57.8421, -28.2207



69.0163, 38.5463, 2.8122



42.7145, 3.2070, -0.7291



36.9121, 70.0297, -28.9895



11.5751, 22.0532, -9.8111

Inverse Universe

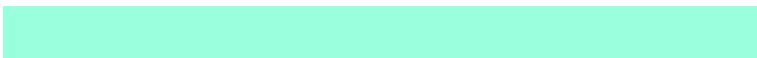
The Inverse Universe completely reimagines the original color for something new.



70.8643, 47.4361, -23.1811



66.2577, 57.8421, -28.2207



91.3857, -38.9217, 11.2477



42.7145, 3.2070, -0.7291



36.9121, 70.0297, -28.9895



11.5751, 22.0532, -9.8111

Previews

White Background



This preview shows how the HunterLab color 70.8629, 47.4392, -23.1827 looks on a white background.

Color Contrast Check

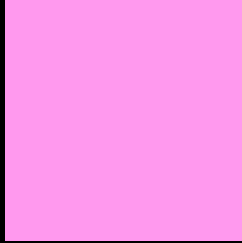
Large Text (above 18pt) WCAG AA × Fail

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 70.8629, 47.4392, -23.1827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

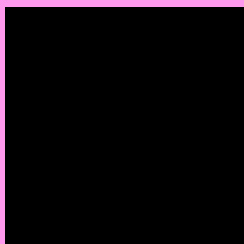
Any Text WCAG AA ✓ Pass

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 70.8629, 47.4392, -23.1827 Background



This preview shows how black text looks on a background with the HunterLab color 70.8629, 47.4392, -23.1827.



This preview shows how white text looks on a background with the HunterLab color 70.8629, 47.4392, -23.1827.

-23.1827.

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

70.8629, 47.4392, -23.1827

Protanopia

71.1777, 5.2365, -34.8559

Deuteranopia

70.9207, 5.4411, -20.0275



Tritanopia

70.7680, 28.0062, 8.8092

Trichromacy



Original Color

70.8629, 47.4392, -23.1827



Protanomaly

70.2787, 19.3839, -31.9644



Deuteranomaly

70.3770, 19.8217, -21.8658



Tritanomaly

70.8301, 34.6981, -1.4880

Monochromacy



Original Color

70.8629, 47.4392, -23.1827



Achromatopsia

73.0258, -3.8965, 3.9676



Achromatomaly

71.4445, 14.2551, -5.7861

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.8629, 47.4392, -23.1827 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(255, 153, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 238)  
}
```

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(255, 153, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 238) }
```

Border

The CSS property to change the border of an element to HunterLab 70.8629, 47.4392, -23.1827 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(255, 153, 238) }
```


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

```
.border{ border-color:rgb(255, 153, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
238) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.8629, 47.4392, -23.1827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 238) }
```

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

```
.background{ background-color: rgb(255,  
153, 238) }
```

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