

# Converting Colors

HunterLab(79.0298, 1.3682,  
48.7217)

Have a look what the booklet for  
HunterLab(79.0298, 1.3682,  
48.7217) contains.

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# Color

**HunterLab(79.1003, 1.2469,  
48.7631)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | FFC800                      |
| RGB         | 255, 200, 0                 |
| RGB Percent | 100%, 78%, 0%               |
| CMY         | 0.0000, 0.2157, 0.9999      |
| CMYK        | 0.00, 0.22, 1.00, 0.00      |
| HSL         | 47°, 100%, 50%              |
| HSV         | 47°, 100%, 100%             |
| XYZ         | 61.8943, 62.5686, 8.8147    |
| YIQ         | 193.6450, 96.9800, -50.5400 |

# Conversions

## Conversions Part 2

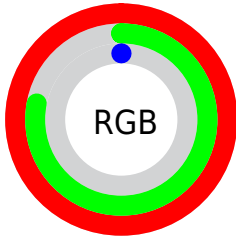
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 70, 255, 0                     |
| Decimal                             | 16762880                       |
| CIE Lab                             | 83.22, 5.73, 84.54             |
| CIE LCh                             | 83, 84.734, 86.122             |
| Yxy                                 | 62.5717, 0.4644,<br>0.4695     |
| Android<br>(android.graphics.Color) | 4294952960<br>(0xFFFFC800)     |
| YUV                                 | 193.6450, -95.4670,<br>53.8083 |
| Hunter-Lab                          | 79.1003, 1.2469,<br>48.7631    |

# Details

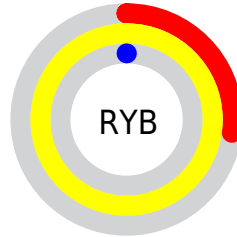
The HunterLab color **79.1003, 1.2469, 48.7631** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **31.5497, 54.6445, -157.3935**, and the grayscale version is **73.6638, -3.9305, 4.0023**.

A 20% lighter version of the original color is **96.6705, -23.8930, 53.7499**, and **56.7494, 2.6818, 35.0156** is the 20% darker color. If you saturate the color by 10%, you get **79.1008, 1.2454, 48.7634**, and if you desaturate by 10%, it is **80.7699, -1.2929, 49.0504**.

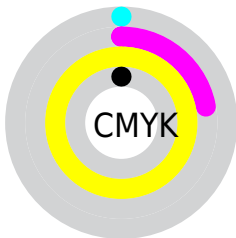
# Distribution



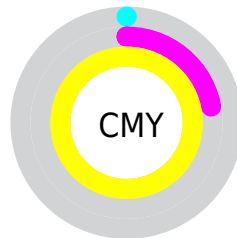
- Red (100%)
- Green (78%)
- Blue (0%)



- Red (27%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (22%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (22%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.1003, 1.2469, 48.7631 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 79.1003, 1.2469, 48.7631 by changing the saturation by 10% instead.



79.1003, 1.2469,  
48.7631

79.1003, 1.2469,  
48.7631

208.3299, -3.6236,  
91.1411

67.4498, 1.5904,  
43.2363

104.1880, 0.4158,  
59.2084

56.4334, 1.8883,  
37.4881

117.5682, -0.0585,  
64.1622

46.0922, 2.1318,  
31.6159

131.4768, -0.5699,  
68.9610

36.4735, 2.3145,  
25.5314

145.8943, -1.1164,  
73.6212

27.6362, 2.4276,  
19.3454

160.8034, -1.6965,  
78.1573

19.6570, 2.4585,  
13.7599

176.1883, -2.3086,

12.6402, 2.3880,

82.5821

8.8482

192.0348, -2.9513,  
86.9067

■ 5.9673, 3.8663,  
4.1771

0.0000, NaN, NaN

■ 79.1003, 1.2469,  
48.7631

■ 79.1003, 1.2469,  
48.7631

■ 79.1008, 1.2454,  
48.7634

■ 80.7699, -1.2929,  
49.0504

■ 82.5171, -3.5089,  
48.5330

■ 84.3566, -5.3259,  
47.0140

■ 86.2932, -6.7087,  
44.4153

88.3294, -7.6367,  
40.6969

90.4661, -8.0994,  
35.8456

92.7031, -8.0944,  
29.8672

95.0392, -7.6256,  
22.7824

97.4729, -6.7015,  
14.6221

# Harmonies

## Analogous

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



79.1023, 45.3341, 44.9497



79.1003, 1.2469, 48.7631



79.1023, -36.3719, 46.6296

# Triad

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



79.1023, 1.2432, 48.7637



79.1023, -63.8625, -36.9206



79.1023, 73.4948, -50.7492

# Complementary

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



79.1003, 1.2469, 48.7631



31.5497, 54.6445, -157.3935

# 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.



79.1023, 34.0497, -98.6220



79.1003, 1.2469, 48.7631



79.1023, -43.9615, -88.1554

# Square

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



79.1023, 1.2432, 48.7637



79.1023, -69.1172, 9.2683



79.1023, -9.5484, -114.9849



79.1023, 92.1337, -1.0007



# Rectangle

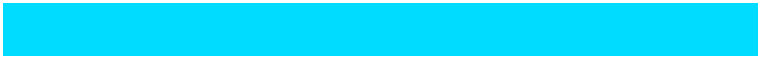
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.1003, 1.2469, 48.7631



79.1023, -53.9041, 40.9116



79.1023, -9.5484, -114.9849



79.1023, 61.8785, -68.4170

# Sweetspot

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



79.1023, 1.2432, 48.7637



92.7015, -8.0946, 29.8731



46.4098, 80.0754, 25.3388



42.4460, -3.7722, 15.0497

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



79.1023, 1.2432, 48.7637



79.1011, 1.2455, 48.7635



90.3088, -48.8751, 54.7918



45.1515, -3.0744, 6.5687



57.3779, 0.5563, 35.3657



18.3382, -0.5664, 11.2900



# Inverse Universe

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



31.5497, 54.6445, -157.3935



31.5470, 54.6534, -157.4119



29.3400, 74.8485, -171.7911



42.4413, -1.4255, -2.1617



23.1855, 38.2073, -111.4585



8.2140, 8.9213, -29.5253



# Previews

## White Background



This preview shows how the HunterLab color 79.1003, 1.2469, 48.7631 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 79.1003, 1.2469, 48.7631 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 79.1003, 1.2469, 48.7631 Background



This preview shows how black text looks on a background with the HunterLab color 79.1003, 1.2469, 48.7631.



This preview shows how white text looks on a background with the HunterLab color 79.1003, 1.2469,



# 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

79.1003, 1.2469, 48.7631

### Protanopia

79.1396, -10.9364, 48.3134

### Deuteranopia

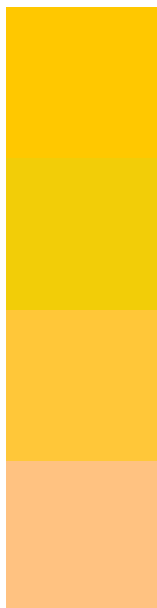
78.9743, 4.7256, 41.6509



## Tritanopia

78.9628, 20.7644, 7.0641

# Trichromacy



## Original Color

79.1003, 1.2469, 48.7631

## Protanomaly

79.0932, -6.4042, 48.4526

## Deuteranomaly

78.9951, 2.7641, 45.8195

## Tritanomaly

78.3764, 9.7252, 32.7542

# Monochromacy



## Original Color

79.1003, 1.2469, 48.7631

## Achromatopsia

73.4493, -3.9191, 3.9906

## Achromatomaly

74.5043, -6.6759, 30.8800

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 79.1003, 1.2469, 48.7631 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, 200, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 0)  
}
```

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, 200, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 79.1003, 1.2469, 48.7631 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, 200, 0) }
```



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

```
.border{ border-color:rgb(255, 200, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 79.1003, 1.2469, 48.7631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 0) }
```

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

```
.background{ background-color: rgb(255,  
200, 0) }
```

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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