

Converting Colors

HunterLab(80.0956, 2.5813,
42.7704)

Have a look what the booklet for
HunterLab(80.0956, 2.5813,
42.7704) contains.

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Color

**HunterLab(80.1181, 2.5627,
42.7406)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCA57
RGB	255, 202, 87
RGB Percent	100%, 79%, 34%
CMY	0.0000, 0.2078, 0.6588
CMYK	0.00, 0.21, 0.66, 0.00
HSL	41°, 100%, 67%
HSV	41°, 66%, 100%
XYZ	64.0807, 64.1891, 18.0290
YIQ	204.7370, 68.5030, -24.5290

Conversions

Conversions Part 2

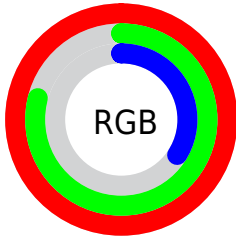
Format	Color
RYB	164, 255, 87
Decimal	16763479
CIELab	84.07, 7.11, 62.70
CIELCh	84, 63.102, 83.526
Yxy	64.1922, 0.4380, 0.4388
Android (android.graphics.Color)	4294953559 (0xFFFFCA57)
YUV	204.7370, -58.0443, 44.0807
Hunter-Lab	80.1181, 2.5627, 42.7406

Details

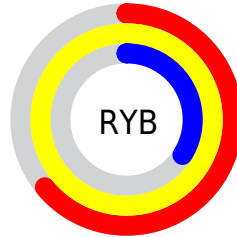
The HunterLab color **80.1181, 2.5627, 42.7406** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **52.9161, 13.1757, -73.1654**, and the grayscale version is **78.2430, -4.1748, 4.2511**.

A 20% lighter version of the original color is **97.3155, -20.2472, 44.2581**, and **57.2214, 3.0306, 34.0399** is the 20% darker color. If you saturate the color by 10%, you get **77.5689, 5.4990, 44.4648**, and if you desaturate by 10%, it is **82.8004, 0.0792, 39.9405**.

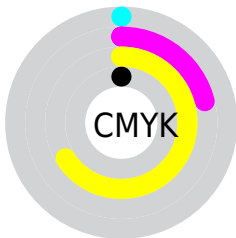
Distribution



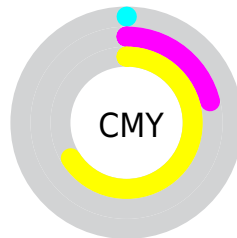
- Red (100%)
- Green (79%)
- Blue (34%)



- Red (64%)
- Yellow (100%)
- Blue (34%)



- Cyan (0%)
- Magenta (21%)
- Yellow (66%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 80.1181, 2.5627, 42.7406 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 80.1181, 2.5627, 42.7406 by changing the saturation by 10% instead.

 80.1181, 2.5627,
42.7406


 80.1181, 2.5627,
42.7406


209.7340, -1.8505,
75.2127

 68.4152, 2.8454,
38.5293

 105.3032, 1.8459,
50.6819


 57.3434, 3.0793,
34.1213

 118.7292, 1.4255,
54.4536

 46.9431, 3.2552,
29.4882


 132.6817, 0.9661,
58.1162

 37.2609, 3.3661,
24.6058

 147.1416, 0.4697,
61.6836

 28.3546, 3.4023,
19.8482

162.0917, -0.0616,
65.1677

 20.2989, 3.3501,
14.2092

177.5163, -0.6264,

 13.1954, 3.1886,

68.5784

9.2367

193.4014, -1.2231,
71.9243

■ 6.7090, 4.2628,
4.6963

0.0000, NaN, NaN

■ 80.1181, 2.5627,
42.7406

■ 80.1181, 2.5627,
42.7406

■ 77.5689, 5.4990,
44.4648

■ 82.8004, 0.0792,
39.9405

■ 75.1473, 8.8749,
45.1437

■ 85.6075, -1.9316,
36.0635

■ 72.8521, 12.6414,
44.8669

■ 88.5381, -3.4743,
31.1337

■ 71.9373, 14.2666,
44.5772

■ 91.5877, -4.5576,
25.1887

■ 94.7517, -5.1953,
18.2752

■ 98.0253, -5.4047,
10.4448

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



80.1201, 34.3601, 37.8915



80.1181, 2.5627, 42.7406



80.1201, -26.7300, 40.8974

Triad

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



80.1201, 2.5591, 42.7414



80.1201, -51.9710, -21.7611



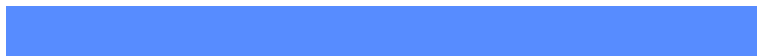
80.1201, 49.5604, -37.2432

Complementary

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



80.1181, 2.5627, 42.7406



52.9161, 13.1757, -73.1654

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.



80.1201, 20.9528, -67.0755



80.1181, 2.5627, 42.7406



80.1201, -36.7498, -56.0138

Square

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



80.1201, 2.5591, 42.7414



80.1201, -55.3593, 10.5000



80.1201, -10.8958, -75.0064



80.1201, 64.0355, -2.3054

Rectangle

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



80.1181, 2.5627, 42.7406



80.1201, -41.3657, 35.5628



80.1201, -10.8958, -75.0064



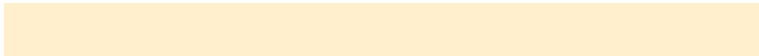
80.1201, 41.0865, -48.6657

Sweetspot

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



80.1201, 2.5591, 42.7414



93.4353, -4.9856, 21.2369



54.7504, 65.2320, 7.9263



42.8167, -2.2207, 10.7180

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.1201, 2.5591, 42.7414



76.8001, 6.5067, 44.7860



93.8546, -34.3804, 51.5344



44.7967, -2.4877, 6.1923



52.2691, 9.8004, 32.3795



16.9007, 1.9555, 10.4484

Inverse Universe

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



52.9161, 13.1757, -73.1654



45.5375, 21.9105, -94.7361



42.2783, 48.0409, -105.7818



42.7933, -2.0150, -1.7225



26.5306, 28.0147, -93.6366



9.3354, 6.0420, -24.7113

Previews

White Background



This preview shows how the HunterLab color 80.1181, 2.5627, 42.7406 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 80.1181, 2.5627, 42.7406 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 80.1181, 2.5627, 42.7406 Background



This preview shows how black text looks on a background with the HunterLab color 80.1181, 2.5627, 42.7406.



This preview shows how white text looks on a background with the HunterLab color 80.1181, 2.5627,

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

80.1181, 2.5627, 42.7406

Protanopia

80.0863, -9.8659, 42.1791

Deuteranopia

80.1269, 4.6938, 38.1131



Tritanopia

80.1569, 19.0615, 7.0042

Trichromacy



Original Color

80.1181, 2.5627, 42.7406

Protanomaly

80.0194, -5.4108, 42.3720

Deuteranomaly

80.0079, 4.0547, 39.8623

Tritanomaly

79.8756, 11.5707, 24.0487

Monochromacy



Original Color

80.1181, 2.5627, 42.7406

Achromatopsia

78.1342, -4.1690, 4.2452

Achromatomaly

78.4107, -3.9404, 22.4004

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.1181, 2.5627, 42.7406 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, 202, 87)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 87)  
}
```

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, 202, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 80.1181, 2.5627, 42.7406 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, 202, 87) }
```


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

```
.border{ border-color:rgb(255, 202, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 87);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
87) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.1181, 2.5627, 42.7406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 87) }
```

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

```
.background{ background-color: rgb(255,  
202, 87) }
```

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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