

Converting Colors

HunterLab(79.3278, 5.1709,
39.5757)

Have a look what the booklet for
HunterLab(79.3278, 5.1709,
39.5757) contains.

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Color

**HunterLab(79.4142, 5.0172,
39.6376)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC766
RGB	255, 199, 102
RGB Percent	100%, 78%, 40%
CMY	0.0000, 0.2196, 0.6000
CMYK	0.00, 0.22, 0.60, 0.00
HSL	38°, 100%, 70%
HSV	38°, 60%, 100%
XYZ	64.0617, 63.0662, 21.3669
YIQ	204.6860, 64.5130, -18.2950

Conversions

Conversions Part 2

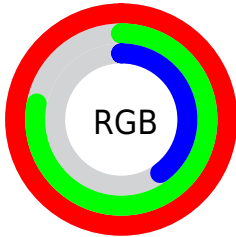
Format	Color
R_{YB}	190, 255, 102
Decimal	16762726
CIE Lab	83.48, 9.60, 55.29
CIE LCh	83, 56.118, 80.148
Yxy	63.0692, 0.4314, 0.4247
Android (android.graphics.Color)	4294952806 (0xFFFFC766)
YUV	204.6860, -50.6242, 44.1254
Hunter-Lab	79.4142, 5.0172, 39.6376

Details

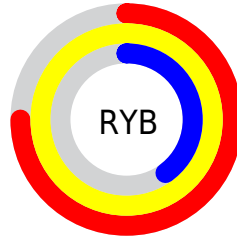
The HunterLab color **79.4142, 5.0172, 39.6376** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **58.7341, 5.8812, -59.2080**, and the grayscale version is **78.1916, -4.1721, 4.2483**.

A 20% lighter version of the original color is **97.5604, -18.8695, 40.6714**, and **56.6420, 5.5234, 31.8406** is the 20% darker color. If you saturate the color by 10%, you get **76.4688, 8.3490, 41.8931**, and if you desaturate by 10%, it is **82.5122, 2.1512, 36.3298**.

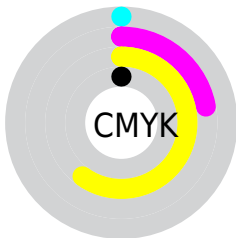
Distribution



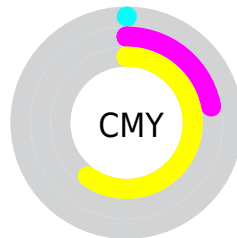
- Red (100%)
- Green (78%)
- Blue (40%)



- Red (75%)
- Yellow (100%)
- Blue (40%)



- Cyan (0%)
- Magenta (22%)
- Yellow (60%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 79.4142, 5.0172, 39.6376 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 79.4142, 5.0172, 39.6376 by changing the saturation by 10% instead.

 79.4142, 5.0172,
39.6376

 79.4142, 5.0172,
39.6376

208.7632, 1.4888,
68.8637


 67.7475, 5.1812,
35.8715


 104.5320, 4.5223,
46.7479


 56.7139, 5.2900,
31.9284

 117.9264, 4.2063,
50.1315

 46.3544, 5.3335,
27.7767

 131.8485, 3.8474,
53.4225

 36.7161, 5.3031,
23.3814

 146.2791, 3.4483,
56.6334

 27.8575, 5.1872,
19.1384

161.2009, 3.0111,
59.7748

 19.8545, 4.9693,
13.8981

176.5981, 2.5377,

 12.8108, 4.6246,

62.8555

8.9676

192.4566, 2.0298,
65.8831

■ 6.2058, 6.4104,
4.3441

0.0000, NaN, NaN

■ 79.4142, 5.0172,
39.6376

■ 79.4142, 5.0172,
39.6376

■ 76.4688, 8.3490,
41.8931

■ 82.5122, 2.1512,
36.3298

■ 73.6748, 12.1440,
43.0900

■ 85.7510, -0.2385,
31.9972

■ 71.0365, 16.3662,
43.2673

■ 89.1261, -2.1645,
26.6855

■ 68.5472, 20.9303,
42.6048

■ 92.6305, -3.6426,
20.4487

68.5469, 20.9308,
42.6047

96.2575, -4.6924,
13.3447

100.0000, -5.3359,
5.4331

Harmonies

Analogous

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



79.4161, 32.5798, 34.0648



79.4142, 5.0172, 39.6376



79.4161, -21.6546, 38.5408

Triad

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



79.4161, 5.0137, 39.6384



79.4161, -48.0534, -15.0382



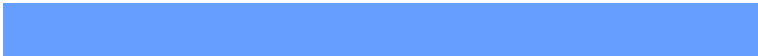
79.4161, 40.5881, -35.1580

Complementary

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



79.4142, 5.0172, 39.6376



58.7341, 5.8812, -59.2080

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.



79.4161, 14.8141, -58.9185



79.4142, 5.0172, 39.6376



79.4161, -35.3773, -44.8276

Square

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



79.4161, 5.0137, 39.6384



79.4161, -49.9309, 12.4600



79.4161, -13.0917, -62.9593



79.4161, 54.8891, -4.7783

Rectangle

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



79.4142, 5.0172, 39.6376



79.4161, -35.5535, 33.9707



79.4161, -13.0917, -62.9593



79.4161, 32.8267, -44.5654

Sweetspot

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



79.4161, 5.0137, 39.6384



93.3462, -3.8860, 19.0962



57.6500, 60.6501, 3.2704



42.7051, -1.6313, 9.7404

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.4161, 5.0137, 39.6384



75.8975, 9.0723, 42.2169



94.9069, -30.1299, 50.1004



44.6176, -2.1900, 6.0015



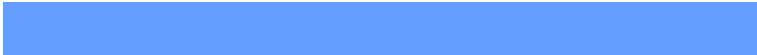
49.8460, 14.5333, 30.9693



16.2100, 3.2488, 10.0454

Inverse Universe

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



58.7341, 5.8812, -59.2080



51.8866, 11.8939, -75.9261



45.7058, 40.6321, -93.8504



42.9723, -2.3130, -1.5005



28.5516, 22.6884, -84.6647



9.9666, 4.6110, -22.4113

Previews

White Background



This preview shows how the HunterLab color 79.4142, 5.0172, 39.6376 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 79.4142, 5.0172, 39.6376 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 79.4142, 5.0172, 39.6376 Background



This preview shows how black text looks on a background with the HunterLab color 79.4142, 5.0172, 39.6376.



This preview shows how white text looks on a background with the HunterLab color 79.4142, 5.0172,

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

79.4142, 5.0172, 39.6376

Protanopia

79.3440, -8.9571, 38.7478

Deuteranopia

79.4919, 5.4334, 38.4958



Tritanopia

79.2675, 20.3770, 6.9406

Trichromacy



Original Color

79.4142, 5.0172, 39.6376

Protanomaly

79.3806, -4.1615, 39.0591

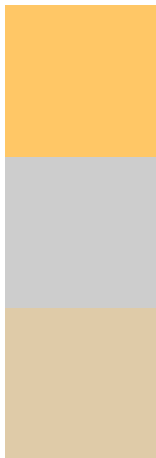
Deuteranomaly

79.4654, 5.2915, 38.8851

Tritanomaly

79.1181, 13.6391, 21.9558

Monochromacy



Original Color

79.4142, 5.0172, 39.6376

Achromatopsia

78.1342, -4.1690, 4.2452

Achromatomaly

78.2477, -2.6718, 20.0987

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.4142, 5.0172, 39.6376 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, 199, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 102)  
}
```

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, 199, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 79.4142, 5.0172, 39.6376 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, 199, 102) }
```


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

```
.border{ border-color:rgb(255, 199, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.4142, 5.0172, 39.6376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 102) }
```

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

```
.background{ background-color: rgb(255,  
199, 102) }
```

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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