

Converting Colors

HunterLab(77.4348, 9.5746,
36.1006)

Have a look what the booklet for
HunterLab(77.4348, 9.5746,
36.1006) contains.

HunterLab(77.5430, 9.3555, 36.2245)	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(77.5430, 9.3555,
36.2245)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC070
RGB	255, 192, 112
RGB Percent	100%, 75%, 44%
CMY	0.0000, 0.2470, 0.5608
CMYK	0.00, 0.25, 0.56, 0.00
HSL	34°, 100%, 72%
HSV	34°, 56%, 100%
XYZ	63.0143, 60.1292, 23.6142
YIQ	201.7170, 63.2280, -11.5240

Conversions

Conversions Part 2

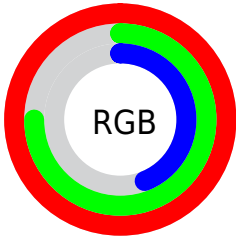
Format	Color
R _Y B	225, 255, 112
Decimal	16760944
CIE Lab	81.91, 13.96, 48.65
CIE LCh	82, 50.610, 73.986
Yxy	60.1321, 0.4294, 0.4097
Android (android.graphics.Color)	4294951024 (0xFFFFC070)
YUV	201.7170, -44.2305, 46.7292
Hunter-Lab	77.5430, 9.3555, 36.2245

Details

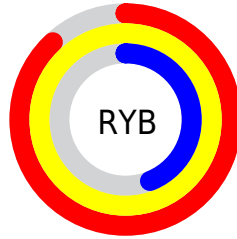
The HunterLab color **77.5430, 9.3555, 36.2245** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **64.2830, -1.2533, -47.6701**, and the grayscale version is **76.8962, -4.1030, 4.1779**.

A 20% lighter version of the original color is **95.4523, -14.4479, 36.4531**, and **55.1401, 8.9752, 29.3870** is the 20% darker color. If you saturate the color by 10%, you get **74.0916, 13.4877, 38.7605**, and if you desaturate by 10%, it is **81.1824, 5.6957, 32.7009**.

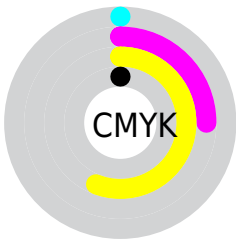
Distribution



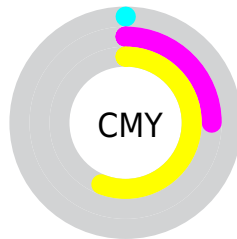
- Red (100%)
- Green (75%)
- Blue (44%)



- Red (88%)
- Yellow (100%)
- Blue (44%)



- Cyan (0%)
- Magenta (25%)
- Yellow (56%)
- Black (0%)




- Cyan (0%)
- Magenta (25%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.5430, 9.3555, 36.2245 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 77.5430, 9.3555, 36.2245 by changing the saturation by 10% instead.

 77.5430, 9.3555,
36.2245


 77.5430, 9.3555,
36.2245


206.1758, 7.3901,
62.6262


 65.9736, 9.3100,
32.8458

 102.4799, 9.2523,
42.6129

 55.0430, 9.1984,
29.3085


 115.7896, 9.1205,
45.6594

 44.7933, 9.0086,
25.5801

 129.6303, 8.9394,
48.6274

 35.2730, 8.7298,
21.6208

 143.9823, 8.7120,
51.5282

 26.5431, 8.3473,
17.5852

158.8281, 8.4412,
54.3713

 18.6828, 7.8408,
13.0780

174.1517, 8.1292,

 11.8019, 7.1812,

57.1644

8.2613

189.9386, 7.7783,
59.9142

■ 4.5983, 12.9848,
3.2188

0.0000, NaN, NaN

■ 77.5430, 9.3555,
36.2245

■ 77.5430, 9.3555,
36.2245

■ 74.0916, 13.4877,
38.7605

■ 81.1824, 5.6957,
32.7009

■ 70.8338, 18.0946,
40.2685

■ 84.9926, 2.5129,
28.2434

■ 67.7812, 23.1429,
40.7462

■ 88.9638, -0.2126,
22.9181

■ 64.9402, 28.5711,
40.2538

■ 93.0852, -2.5025,
16.7925

63.8789, 30.7585,
39.9004

97.3462, -4.3823,
9.9332

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.



77.5449, 32.9362, 29.4315



77.5430, 9.3555, 36.2245



77.5449, -15.2530, 36.4334

Triad

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



77.5449, 9.3519, 36.2254



77.5449, -44.9326, -7.4688



77.5449, 31.5429, -35.6651

Complementary

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



77.5430, 9.3555, 36.2245



64.2830, -1.2533, -47.6701

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.



77.5449, 7.6327, -53.4117



77.5430, 9.3555, 36.2245



77.5449, -35.3429, -34.0108

Square

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



77.5449, 9.3519, 36.2254



77.5449, -44.5938, 15.6428



77.5449, -16.7716, -52.7262



77.5449, 46.7985, -9.2554

Rectangle

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



77.5430, 9.3555, 36.2245



77.5449, -28.8658, 33.0427



77.5449, -16.7716, -52.7262



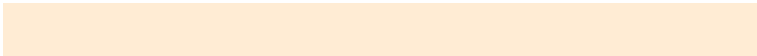
77.5449, 24.1296, -43.1619

Sweetspot

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



77.5449, 9.3519, 36.2254



92.6991, -2.3088, 17.3894



59.9978, 58.3540, -2.7781



42.4997, -0.8674, 8.6363

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.5449, 9.3519, 36.2254



73.7828, 13.8933, 38.9431



96.2386, -24.9648, 49.4203



44.3543, -1.7500, 5.7195



46.5020, 21.5196, 29.0311



15.2424, 5.1670, 9.4828

Inverse Universe

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



64.2830, -1.2533, -47.6701



58.3525, 2.4665, -60.1280



47.6882, 34.3515, -87.6373



43.2372, -2.7517, -1.1738



31.8622, 14.9483, -72.0941



10.9626, 2.5617, -19.2322

Previews

White Background



This preview shows how the HunterLab color 77.5430, 9.3555, 36.2245 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 77.5430, 9.3555, 36.2245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

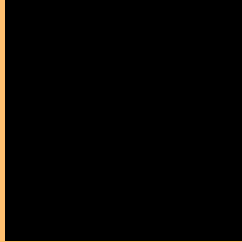
Any Text WCAG AA ✓ Pass

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 77.5430, 9.3555, 36.2245 Background



This preview shows how black text looks on a background with the HunterLab color 77.5430, 9.3555, 36.2245.



This preview shows how white text looks on a background with the HunterLab color 77.5430, 9.3555,

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

77.5430, 9.3555, 36.2245

Protanopia

77.6492, -8.3355, 35.0848

Deuteranopia

77.3764, 5.8385, 36.2575



Tritanopia

77.4527, 22.7101, 7.6873

Trichromacy



Original Color

77.5430, 9.3555, 36.2245

Protanomaly

77.5942, -2.3424, 35.3786

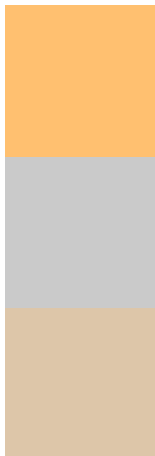
Deuteranomaly

77.3284, 7.1524, 36.2438

Tritanomaly

77.4465, 16.8312, 20.3982

Monochromacy



Original Color

77.5430, 9.3555, 36.2245

Achromatopsia

76.8517, -4.1006, 4.1755

Achromatomaly

76.5669, -0.7019, 18.1016

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.5430, 9.3555, 36.2245 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, 192, 112)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 112)  
}
```

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, 192, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 77.5430, 9.3555, 36.2245 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, 192, 112) }
```


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

```
.border{ border-color:rgb(255, 192, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 112);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.5430, 9.3555, 36.2245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 112) }
```

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

```
.background{ background-color: rgb(255,  
192, 112) }
```

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