

Converting Colors

HunterLab(77.6537, 3.8288,
23.3795)

Have a look what the booklet for
HunterLab(77.6537, 3.8288,
23.3795) contains.

HunterLab(77.6106, 3.8569, 23.1790)	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(77.6106, 3.8569,
23.1790)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC59E
RGB	236, 197, 158
RGB Percent	93%, 77%, 62%
CMY	0.0745, 0.2274, 0.3804
CMYK	0.00, 0.17, 0.33, 0.07
HSL	30°, 67%, 77%
HSV	30°, 33%, 93%
XYZ	60.7299, 60.2341, 40.7733
YIQ	204.2150, 35.7630, -3.8610

Conversions

Conversions Part 2

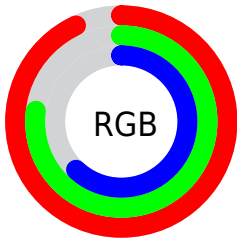
Format	Color
R _{YB}	236, 236, 158
Decimal	15517086
CIE _{Lab}	81.97, 8.38, 24.75
CIE _{LCh}	82, 26.131, 71.287
Yxy	60.2368, 0.3755, 0.3724
Android (android.graphics.Color)	4293707166 (0xFFECC59E)
YUV	204.2150, -22.7840, 27.8754
Hunter-Lab	77.6106, 3.8569, 23.1790

Details

The HunterLab color **77.6106, 3.8569, 23.1790** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **72.9768, -7.3508, -19.6344**, and the grayscale version is **77.8834, -4.1557, 4.2316**.

A 20% lighter version of the original color is **98.4620, -11.5204, 22.5636**, and **55.0175, 4.3432, 19.2830** is the 20% darker color. If you saturate the color by 10%, you get **73.7226, 7.3393, 27.2988**, and if you desaturate by 10%, it is **81.6694, 0.7780, 18.3656**.

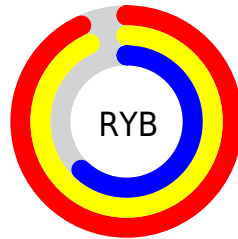
Distribution



Red (93%)

Green (77%)

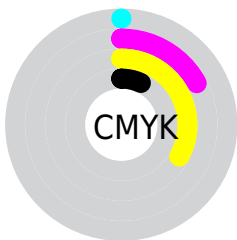
Blue (62%)



Red (93%)

Yellow (93%)

Blue (62%)

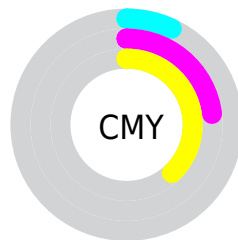


Cyan (0%)

Magenta (17%)

Yellow (33%)

Black (7%)



Cyan (7%)


Magenta (23%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.6106, 3.8569, 23.1790 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 77.6106, 3.8569, 23.1790 by changing the saturation by 10% instead.


 77.6106, 3.8569,
23.1790

 77.6106, 3.8569,
23.1790

206.2693, -0.0409,
39.4655

 66.0375, 4.0700,
21.2448

 102.5540, 3.2712,
26.9295

 55.1033, 4.2294,
19.2524


 115.8667, 2.9118,
28.7613

 44.8495, 4.3257,
17.1848

129.7104, 2.5109,
30.5728

 35.3249, 4.3507,
15.0157

144.0653, 2.0710,
32.3690

 26.5903, 4.2931,
12.7069

158.9138, 1.5942,
34.1535

 18.7248, 4.1366,
10.2022

174.2401, 1.0822,

 11.8379, 3.8562,

35.9295

8.2866

190.0296, 0.5367,
37.6994

4.6662, 7.5797,
3.2663

0.0000, NaN, NaN

77.6106, 3.8569,
23.1790

77.6106, 3.8569,
23.1790

73.7226, 7.3393,
27.2988

81.6694, 0.7780,
18.3656

70.0147, 11.2516,
30.6528

85.8801, -1.9123,
12.9225

66.5041, 15.5990,
33.1754

90.2322, -4.2432,
6.9130

63.2071, 20.3747,
34.8103

94.7146, -6.2418,
0.3937

60.1390, 25.5490,
35.5254

98.2715, -11.4018,
3.2753

57.3135, 31.0600,
35.3365

55.4918, 35.0066,
34.8066

Harmonies

Analogous

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



77.6124, 15.0906, 18.0556



77.6106, 3.8569, 23.1790



77.6124, -8.8723, 23.7444

Triad

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



77.6124, 3.8541, 23.1800



77.6124, -26.6927, -0.4661



77.6124, 12.6522, -15.3589

Complementary

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



77.6106, 3.8569, 23.1790



72.9768, -7.3508, -19.6344

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.



77.6124, 0.6975, -22.2146



77.6106, 3.8569, 23.1790



77.6124, -21.6731, -12.7390

Square

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



77.6124, 3.8541, 23.1800



77.6124, -25.9681, 11.3210



77.6124, -11.8334, -21.1854



77.6124, 20.3915, -3.6123

Rectangle

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



77.6106, 3.8569, 23.1790



77.6124, -16.4370, 21.5857



77.6124, -11.8334, -21.1854



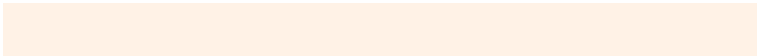
77.6124, 8.9623, -18.3910

Sweetspot

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



77.6124, 3.8541, 23.1800



95.1837, -2.8935, 12.1979



68.0577, 30.1283, -3.5545



43.7287, -1.1659, 6.0614

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.6124, 3.8541, 23.1800



81.6999, 6.8696, 28.5928



89.6062, -15.8545, 33.5332



40.3715, -1.2876, 5.0005



41.5127, 25.2588, 26.0221



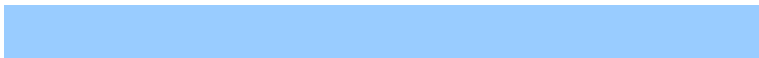
12.4323, 5.2957, 7.7534

Inverse Universe

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



72.9768, -7.3508, -19.6344



75.6141, -7.7327, -27.7255



61.4652, 12.8635, -38.4489



39.7406, -2.8304, -0.8082



32.7681, 8.2708, -58.8114



10.1763, 0.4699, -13.7338

Previews

White Background



This preview shows how the HunterLab color 77.6106, 3.8569, 23.1790 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 77.6106, 3.8569, 23.1790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

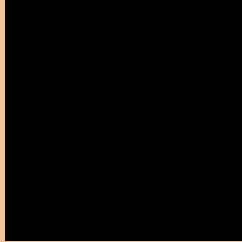
Any Text WCAG AA ✓ Pass

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 77.6106, 3.8569, 23.1790 Background



This preview shows how black text looks on a background with the HunterLab color 77.6106, 3.8569, 23.1790.



This preview shows how white text looks on a background with the HunterLab color 77.6106, 3.8569,

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

77.6106, 3.8569, 23.1790

Protanopia

77.7886, -6.1567, 22.1254

Deuteranopia

77.6526, 5.4967, 23.2469



Tritanopia

77.6982, 15.4829, 4.0746

Trichromacy



Original Color

77.6106, 3.8569, 23.1790

Protanomaly

77.5620, -2.3170, 22.3299

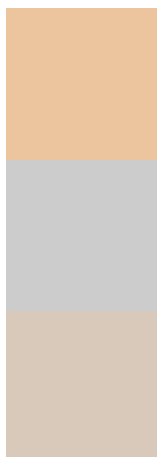
Deuteranomaly

77.5407, 5.1213, 23.1358

Tritanomaly

77.5380, 11.0524, 11.5920

Monochromacy



Original Color

77.6106, 3.8569, 23.1790

Achromatopsia

77.7063, -4.1462, 4.2219

Achromatomaly

77.4339, -1.4043, 11.6921

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.6106, 3.8569, 23.1790 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(236, 197, 158)` looks like.

```
.text, #text, p{  
    color:rgb(236, 197, 158)  
}
```

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(236, 197, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 197, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 77.6106, 3.8569, 23.1790 is called "border". The border property can be set on classes, ids or directly on the HTML element.

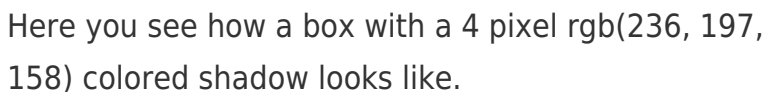
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(236, 197, 158) }
```


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

```
.border{ border-color:rgb(236, 197, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(236, 197, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 197, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 197, 158); box-shadow:4px 4px 4px 4px rgb(236, 197, 158) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.6106, 3.8569, 23.1790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 197, 158) }
```

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

```
.background{ background-color: rgb(236,  
197, 158) }
```

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