

Converting Colors

HunterLab(76.2444, -0.1271,
42.9879)

Have a look what the booklet for
HunterLab(76.2444, -0.1271,
42.9879) contains.

HunterLab(76.3550, -0.0964, 43.0456)	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(76.3550, -0.0964,
43.0456)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C342
RGB	242, 195, 66
RGB Percent	95%, 76%, 26%
CMY	0.0510, 0.2353, 0.7412
CMYK	0.00, 0.19, 0.73, 0.05
HSL	44°, 87%, 60%
HSV	44°, 73%, 95%
XYZ	57.1165, 58.3009, 13.3971
YIQ	194.3470, 69.4210, -30.1550

Conversions

Conversions Part 2

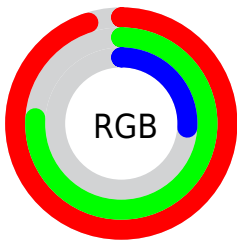
Format	Color
R _Y B	130, 242, 66
Decimal	15909698
CIE Lab	80.91, 4.23, 67.60
CIE LCh	81, 67.736, 86.417
Yxy	58.3037, 0.4434, 0.4526
Android (android.graphics.Color)	4294099778 (0xFF2C342)
YUV	194.3470, -63.2751, 41.7917
Hunter-Lab	76.3550, -0.0964, 43.0456

Details

The HunterLab color **76.3550, -0.0964, 43.0456** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **44.0213, 21.0041, -85.6470**, and the grayscale version is **73.8368, -3.9397, 4.0117**.

A 20% lighter version of the original color is **95.7261, -19.8585, 47.4344**, and **54.1212, 0.8168, 33.3636** is the 20% darker color. If you saturate the color by 10%, you get **74.3254, 2.3357, 44.1071**, and if you desaturate by 10%, it is **78.4925, -2.1259, 40.9885**.

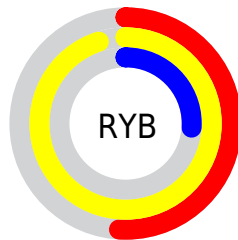
Distribution



Red (95%)

Green (76%)

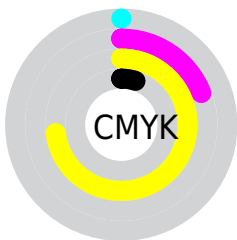
Blue (26%)



Red (51%)

Yellow (95%)

Blue (26%)

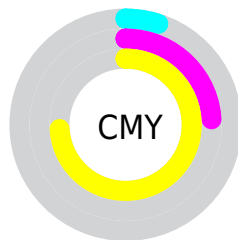


Cyan (0%)

Magenta (19%)

Yellow (73%)

Black (5%)



Cyan (5%)

Magenta (24%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.3550, -0.0964, 43.0456 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 76.3550, -0.0964, 43.0456 by changing the saturation by 10% instead.

76.3550, -0.0964,
43.0456

76.3550, -0.0964,
43.0456

204.5279, -5.4256,
78.0171

64.8482, 0.3084,
38.4731

101.1756, -1.0416,
51.6492

53.9840, 0.6702,
33.6846

114.4309, -1.5699,
55.7246

43.8050, 0.9811,
28.6574

128.2192, -2.1334,
59.6748

34.3610, 1.2352,
23.6997

142.5208, -2.7305,
63.5152

25.7143, 1.4245,
18.0000

157.3178, -3.3595,
67.2591

17.9466, 1.5373,
12.5626

172.5942, -4.0192,

11.1717, 1.5553,

70.9178

7.8202

188.3353, -4.7082,
74.5010

■ 3.1694, 5.6506,
2.2186

0.0000, NaN, NaN

■ 76.3550, -0.0964,
43.0456

■ 76.3550, -0.0964,
43.0456

■ 74.3254, 2.3357,
44.1071

■ 78.4925, -2.1259,
40.9885

■ 72.3944, 5.1454,
44.2443

■ 80.7334, -3.7233,
37.9024

■ 71.0442, 7.3678,
43.9061

■ 83.0790, -4.8838,
33.7836

■ 85.5277, -5.6075,
28.6469

88.0771, -5.9007,
22.5201

90.7243, -5.7740,
15.4401

93.4662, -5.2413,
7.4494

96.1433, -5.1725,
0.8094

98.2088, -8.5690,
3.2498

Harmonies

Analogous

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



76.3569, 34.0029, 39.1321



76.3550, -0.0964, 43.0456



76.3569, -30.1431, 40.7132

Triad

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



76.3569, -0.0998, 43.0463



76.3569, -52.7201, -27.6166



76.3569, 55.8377, -36.9981

Complementary

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



76.3550, -0.0964, 43.0456



44.0213, 21.0041, -85.6470

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.



76.3569, 26.0324, -71.3889



76.3550, -0.0964, 43.0456



76.3569, -35.9055, -64.5564

Square

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



76.3569, -0.0998, 43.0463



76.3569, -57.3472, 7.8087



76.3569, -7.9770, -83.1539



76.3569, 69.5508, 0.3140

Rectangle

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



76.3550, -0.0964, 43.0456



76.3569, -44.5780, 35.0120



76.3569, -7.9770, -83.1539



76.3569, 47.1468, -49.8026

Sweetspot

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



76.3569, -0.0998, 43.0463



93.6543, -6.2668, 23.4314



49.0224, 66.0884, 11.4288



42.9827, -2.8846, 11.7141

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.3569, -0.0998, 43.0463



77.9384, 3.7799, 46.9885



87.5876, -35.8901, 49.8533



42.0753, -2.5925, 5.9423



52.2982, 4.9891, 32.3133



15.6137, 0.4976, 9.6298

Inverse Universe

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



44.0213, 21.0041, -85.6470



39.0733, 34.6044, -118.8755



36.4128, 52.4586, -113.4254



39.8939, -1.6224, -1.7837



23.7540, 31.3901, -97.4526



7.9219, 6.1182, -23.1091

Previews

White Background



This preview shows how the HunterLab color 76.3550, -0.0964, 43.0456 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 76.3550, -0.0964, 43.0456 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 76.3550, -0.0964, 43.0456 Background



This preview shows how black text looks on a background with the HunterLab color 76.3550, -0.0964, 43.0456.



This preview shows how white text looks on a background with the HunterLab color 76.3550, -0.0964,

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

76.3550, -0.0964, 43.0456

Protanopia

76.2877, -9.5364, 42.5909

Deuteranopia

76.2732, 5.5984, 42.9694



Tritanopia

76.1253, 22.6534, 6.6297

Trichromacy



Original Color

76.3550, -0.0964, 43.0456

Protanomaly

76.3158, -6.3327, 42.7891

Deuteranomaly

76.1978, 3.8691, 42.8885

Tritanomaly

75.9388, 12.6231, 24.8142

Monochromacy



Original Color

76.3550, -0.0964, 43.0456

Achromatopsia

73.4493, -3.9191, 3.9906

Achromatomaly

73.8506, -4.9487, 23.2584

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.3550, -0.0964, 43.0456 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(242, 195, 66)` looks like.

```
.text, #text, p{  
    color:rgb(242, 195, 66)  
}
```

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(242, 195, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 195, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 76.3550, -0.0964, 43.0456 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(242, 195, 66) }
```


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

```
.border{ border-color:rgb(242, 195, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 195, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 195, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 195, 66);  
box-shadow:4px 4px 4px 4px rgb(242, 195,  
66) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.3550, -0.0964, 43.0456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 195, 66) }
```

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

```
.background{ background-color: rgb(242,  
195, 66) }
```

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