

Converting Colors

HunterLab(75.6430, 5.7132,
36.6530)

Have a look what the booklet for
HunterLab(75.6430, 5.7132,
36.6530) contains.

HunterLab(75.6430, 5.7132, 36.6530)	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(75.6430, 5.7132,
36.6530)**

Conversions

Conversions Part 1

Format	Color
Hex	F5BE67
RGB	245, 190, 103
RGB Percent	96%, 75%, 40%
CMY	0.0392, 0.2549, 0.5961
CMYK	0.00, 0.22, 0.58, 0.04
HSL	37°, 88%, 68%
HSV	37°, 58%, 96%
XYZ	58.5178, 57.2186, 20.7921
YIQ	196.5270, 60.7070, -15.3970

Conversions

Conversions Part 2

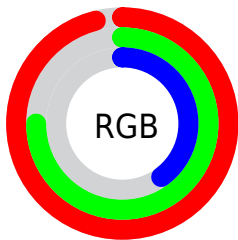
Format	Color
R_{YB}	193, 245, 103
Decimal	16105063
CIE _{Lab}	80.30, 10.26, 50.87
CIE _{LCh}	80, 51.892, 78.600
Yxy	57.2214, 0.4286, 0.4191
Android (android.graphics.Color)	4294295143 (0xFFFF5BE67)
YUV	196.5270, -46.1088, 42.5108
Hunter-Lab	75.6430, 5.7132, 36.6530

Details

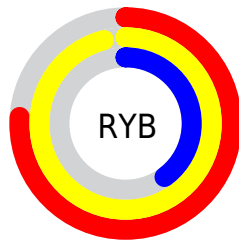
The HunterLab color **75.6430, 5.7132, 36.6530** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **58.2481, 3.1812, -51.9830**, and the grayscale version is **74.6941, -3.9855, 4.0583**.

A 20% lighter version of the original color is **94.6424, -14.3698, 38.3628**, and **53.4587, 6.0009, 29.4429** is the 20% darker color. If you saturate the color by 10%, you get **72.6786, 9.0608, 38.9855**, and if you desaturate by 10%, it is **78.7609, 2.8117, 33.3368**.

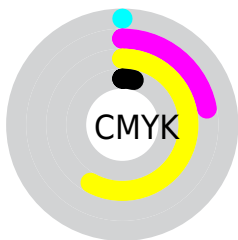
Distribution



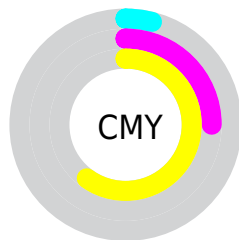
- Red (96%)
- Green (75%)
- Blue (40%)



- Red (76%)
- Yellow (96%)
- Blue (40%)



- Cyan (0%)
- Magenta (22%)
- Yellow (58%)
- Black (4%)




- Cyan (4%)
- Magenta (25%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 75.6430, 5.7132, 36.6530 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 75.6430, 5.7132, 36.6530 by changing the saturation by 10% instead.

 75.6430, 5.7132,
36.6530


 75.6430, 5.7132,
36.6530


203.5383, 2.5301,
64.1407


 64.1740, 5.8286,
33.1115


 100.3933, 5.3076,
43.3335

 53.3499, 5.8852,
29.3984


 113.6157, 5.0327,
46.5124

 43.2138, 5.8721,
25.4799

 127.3725, 4.7132,
49.6051

 33.8159, 5.7795,
21.3168

 141.6437, 4.3518,
52.6239

 25.2197, 5.5942,
17.4270

156.4113, 3.9509,
55.5790

 17.5083, 5.2969,
12.2558

171.6591, 3.5124,

 10.7980, 4.8584,

58.4789

7.5586

187.3726, 3.0383,
61.3308

■ 1.8344, 24.2654,
1.2841

0.0000, NaN, NaN

■ 75.6430, 5.7132,
36.6530

■ 75.6430, 5.7132,
36.6530

■ 72.6786, 9.0608,
38.9855

■ 78.7609, 2.8117,
33.3368

■ 69.8683, 12.8553,
40.3157

■ 82.0196, 0.3633,
29.0721

■ 67.2182, 17.0663,
40.6641

■ 85.4135, -1.6469,
23.9095

■ 64.7279, 21.6334,
40.1322

■ 88.9350, -3.2359,
17.9048

64.2354, 22.5861,
39.9770

92.5767, -4.4242,
11.1161

96.3315, -5.2345,
3.6008

99.0719, -8.5795,
4.2790

Harmonies

Analogous

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



75.6448, 30.4928, 31.0397



75.6430, 5.7132, 36.6530



75.6448, -18.7883, 35.9272

Triad

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



75.6448, 5.7098, 36.6538



75.6448, -44.4657, -11.9906



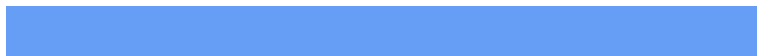
75.6448, 35.5546, -32.8496

Complementary

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



75.6430, 5.7132, 36.6530



58.2481, 3.1812, -51.9830

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.



75.6448, 11.9320, -53.3987



75.6430, 5.7132, 36.6530



75.6448, -33.3107, -38.9073

Square

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



75.6448, 5.7098, 36.6538



75.6448, -45.6759, 12.6196



75.6448, -13.3203, -55.9189



75.6448, 49.1589, -5.5025

Rectangle

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



75.6430, 5.7132, 36.6530



75.6448, -31.7872, 31.8716



75.6448, -13.3203, -55.9189



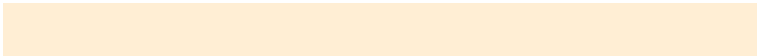
75.6448, 28.3906, -41.1156

Sweetspot

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



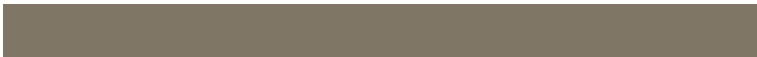
75.6448, 5.7098, 36.6538



93.4173, -3.5182, 18.1160



56.2534, 56.5144, 0.6955



42.8700, -1.4923, 9.0051

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.6448, 5.7098, 36.6538



75.4002, 10.3131, 41.1933



91.2356, -26.6400, 47.4132



42.6298, -1.9773, 5.6530



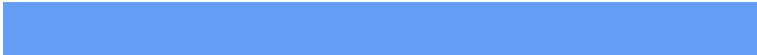
47.4399, 15.9753, 29.5119



14.7547, 3.3578, 9.1506

Inverse Universe

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



58.2481, 3.1812, -51.9830



54.0564, 8.7319, -70.3053



44.8213, 35.8407, -86.0256



41.2057, -2.3339, -1.3306



28.6326, 19.7294, -78.3783



9.5585, 3.4620, -19.4207

Previews

White Background



This preview shows how the HunterLab color 75.6430, 5.7132, 36.6530 looks on a white background.

Color Contrast Check

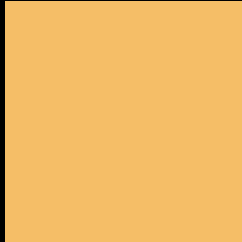
Large Text (above 18pt) WCAG AA × Fail

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 75.6430, 5.7132, 36.6530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

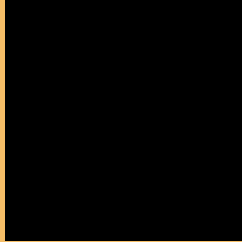
Any Text WCAG AA ✓ Pass

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 75.6430, 5.7132, 36.6530 Background



This preview shows how black text looks on a background with the HunterLab color 75.6430, 5.7132, 36.6530.



This preview shows how white text looks on a background with the HunterLab color 75.6430, 5.7132,

36.6530.

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

75.6430, 5.7132, 36.6530

Protanopia

75.8715, -8.6227, 35.9451

Deuteranopia

75.6430, 5.7132, 36.6530



Tritanopia

75.6229, 23.6627, 7.4572

Trichromacy



Original Color

75.6430, 5.7132, 36.6530

Protanomaly

75.6028, -3.3862, 36.0459

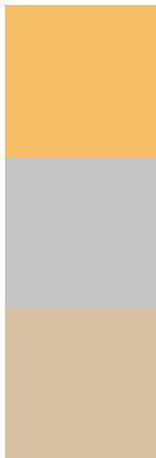
Deuteranomaly

75.6430, 5.7132, 36.6530

Tritanomaly

75.4710, 15.8716, 20.6555

Monochromacy



Original Color

75.6430, 5.7132, 36.6530

Achromatopsia

74.7222, -3.9870, 4.0598

Achromatomaly

74.5145, -1.9192, 18.3111

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.6430, 5.7132, 36.6530 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(245, 190, 103)` looks like.

```
.text, #text, p{  
    color:rgb(245, 190, 103)  
}
```

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(245, 190, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 190, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 75.6430, 5.7132, 36.6530 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(245, 190, 103) }
```


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

```
.border{ border-color:rgb(245, 190, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 190, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 190, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 190, 103);  
box-shadow:4px 4px 4px 4px rgb(245, 190,  
103) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.6430, 5.7132, 36.6530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 190, 103) }
```

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

```
.background{ background-color: rgb(245,  
190, 103) }
```

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