

Converting Colors

HunterLab(76.4755, 5.8684,
47.2266)

Have a look what the booklet for
HunterLab(76.4755, 5.8684,
47.2266) contains.

HunterLab(76.4994, 5.8256, 47.2406)	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(76.4994, 5.8256,
47.2406)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBF00
RGB	255, 191, 0
RGB Percent	100%, 75%, 0%
CMY	0.0000, 0.2510, 0.9999
CMYK	0.00, 0.25, 1.00, 0.00
HSL	45°, 100%, 50%
HSV	45°, 100%, 100%
XYZ	59.8708, 58.5216, 8.1402
YIQ	188.3620, 99.4550, -45.8330

Conversions

Conversions Part 2

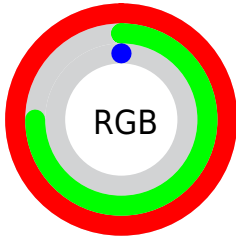
Format	Color
R _Y B	85, 255, 0
Decimal	16760576
CIE Lab	81.03, 10.38, 83.03
CIE LCh	81, 83.681, 82.873
Yxy	58.5245, 0.4732, 0.4625
Android (android.graphics.Color)	4294950656 (0xFFFFBF00)
YUV	188.3620, -92.8625, 58.4415
Hunter-Lab	76.4994, 5.8256, 47.2406

Details

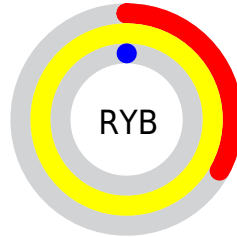
The HunterLab color **76.4994, 5.8256, 47.2406** is a dark color, and the websafe version is hex **FFCC00**, and the color name is **amber**. The color can be described as middle saturated orange. A complement of this color would be **32.9973, 49.8189, -148.7862**, and the grayscale version is **71.4186, -3.8107, 3.8803**.

A 20% lighter version of the original color is **94.0328, -20.0968, 52.3022**, and **54.3272, 7.0480, 33.5995** is the 20% darker color. If you saturate the color by 10%, you get **76.4999, 5.8242, 47.2408**, and if you desaturate by 10%, it is **78.3899, 2.8114, 47.6346**.

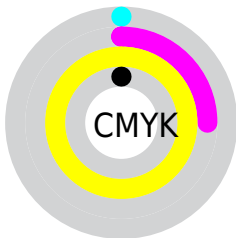
Distribution



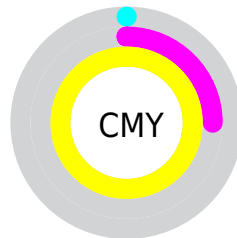
- Red (100%)
- Green (75%)
- Blue (0%)



- Red (33%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.4994, 5.8256, 47.2406 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 76.4994, 5.8256, 47.2406 by changing the saturation by 10% instead.


 76.4994, 5.8256,
47.2406


 76.4994, 5.8256,
47.2406

204.7285, 2.6586,
89.2086


 64.9850, 5.9390,
41.7520

 101.3342, 5.4230,
57.6022


 54.1127, 5.9942,
36.0399

 114.5962, 5.1500,
62.5112


 43.9250, 5.9799,
30.2807


 128.3909, 4.8323,
67.2642

 34.4717, 5.8866,
24.1302

 142.6986, 4.4728,
71.8778

 25.8148, 5.7011,
18.0704

 157.5016, 4.0737,
76.3668

 18.0358, 5.4048,
12.6251

 172.7837, 3.6372,

 11.2479, 4.9690,

80.7442

7.8735

188.5305, 3.1649,
85.0214

■ 3.3760, 13.2202,
2.3632

0.0000, NaN, NaN

■ 76.4994, 5.8256,
47.2406

■ 76.4994, 5.8256,
47.2406

■ 76.4999, 5.8242,
47.2408

■ 78.3899, 2.8114,
47.6346

■ 80.3696, 0.1294,
47.2135

■ 82.4523, -2.1456,
45.7841

■ 84.6417, -3.9800,
43.2773

■ 86.9391, -5.3556,
39.6632

■ 89.3440, -6.2649,
34.9388

■ 91.8551, -6.7086,
29.1195

■ 94.4704, -6.6935,
22.2345

■ 97.1869, -6.2307,
14.3218

Harmonies

Analogous

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



76.5013, 48.8452, 42.8202



76.4994, 5.8256, 47.2406



76.5013, -32.0739, 45.8122

Triad

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



76.5013, 5.8218, 47.2412



76.5013, -63.4477, -30.6059



76.5013, 68.4657, -55.4329

Complementary

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



76.4994, 5.8256, 47.2406



32.9973, 49.8189, -148.7862

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.



76.5013, 28.6120, -100.4249



76.4994, 5.8256, 47.2406



76.5013, -45.6594, -81.6233

Square

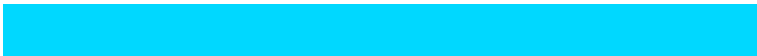
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.5013, 5.8218, 47.2412



76.5013, -67.0592, 12.8002



76.5013, -13.5139, -111.9141



76.5013, 89.5835, -5.6132

Rectangle

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



76.4994, 5.8256, 47.2406



76.5013, -50.2040, 41.0001



76.5013, -13.5139, -111.9141



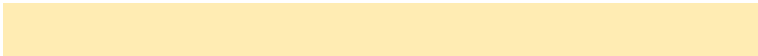
76.5013, 56.4637, -72.4928

Sweetspot

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



76.5013, 5.8218, 47.2412



91.8536, -6.7085, 29.1246



46.5594, 80.6287, 23.1341



41.9999, -3.0432, 14.6703

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.5013, 5.8218, 47.2412



76.5002, 5.8242, 47.2410



91.2079, -45.3290, 55.4079



45.0258, -2.8670, 6.4356



55.5243, 3.8068, 34.2805



17.8191, 0.3203, 10.9856

Inverse Universe

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



32.9973, 49.8189, -148.7862



32.9947, 49.8270, -148.8026



28.5762, 74.1985, -177.3833



42.5657, -1.6343, -2.0062



24.2618, 34.7075, -105.2487



8.5900, 7.9000, -27.7906

Previews

White Background



This preview shows how the HunterLab color 76.4994, 5.8256, 47.2406 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 76.4994, 5.8256, 47.2406 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 76.4994, 5.8256, 47.2406 Background



This preview shows how black text looks on a background with the HunterLab color 76.4994, 5.8256, 47.2406.



This preview shows how white text looks on a background with the HunterLab color 76.4994, 5.8256,

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

76.4994, 5.8256, 47.2406

Protanopia

76.5530, -10.6704, 46.6630

Deuteranopia

76.4994, 5.8256, 47.2406



Tritanopia

76.5285, 23.7347, 8.4846

Trichromacy



Original Color

76.4994, 5.8256, 47.2406

Protanomaly

76.4280, -4.9014, 46.8083

Deuteranomaly

76.4994, 5.8256, 47.2406

Tritanomaly

75.7549, 13.9053, 32.2571

Monochromacy



Original Color

76.4994, 5.8256, 47.2406

Achromatopsia

70.9145, -3.7838, 3.8529

Achromatomaly

71.9363, -4.9491, 29.5947

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.4994, 5.8256, 47.2406 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, 191, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 0)  
}
```

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, 191, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 76.4994, 5.8256, 47.2406 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, 191, 0) }
```


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

```
.border{ border-color:rgb(255, 191, 0) }
```

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

Here you see how a box with a 4 pixel rgb(255, 191, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.4994, 5.8256, 47.2406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 0) }
```

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

```
.background{ background-color: rgb(255,  
191, 0) }
```

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