

Converting Colors

HunterLab(74.8050, 8.8964,
46.2503)

Have a look what the booklet for
HunterLab(74.8050, 8.8964,
46.2503) contains.

HunterLab(74.8050, 8.8964, 46.2503)	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(74.8050, 8.8964,
46.2503)**

Conversions

Conversions Part 1	
Format	Color
Hex	FFB900
RGB	255, 185, 0
RGB Percent	100%, 73%, 0%
CMY	0.0000, 0.2745, 0.9999
CMYK	0.00, 0.27, 1.00, 0.00
HSL	44°, 100%, 50%
HSV	44°, 100%, 100%
XYZ	58.5889, 55.9579, 7.7129
YIQ	184.8400, 101.1050, -42.6950

Conversions

Conversions Part 2

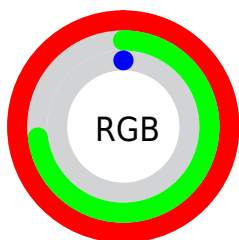
Format	Color
RYB	96, 255, 0
Decimal	16759040
CIELab	79.59, 13.50, 82.06
CIELCh	80, 83.159, 80.657
Yxy	55.9607, 0.4792, 0.4577
Android (android.graphics.Color)	4294949120 (0xFFFFB900)
YUV	184.8400, -91.1261, 61.5303
Hunter-Lab	74.8050, 8.8964, 46.2503

Details

The HunterLab color **74.8050, 8.8964, 46.2503** is a dark color, and the websafe version is hex **FFCC00**. The color can be described as middle saturated orange. A complement of this color would be **34.0611, 46.4669, -142.8802**, and the grayscale version is **69.9282, -3.7312, 3.7993**.

A 20% lighter version of the original color is **92.0843, -17.2053, 51.1715**, and **52.6393, 9.5755, 32.6037** is the 20% darker color. If you saturate the color by 10%, you get **74.8055, 8.8949, 46.2505**, and if you desaturate by 10%, it is **76.8339, 5.5639, 46.7096**.

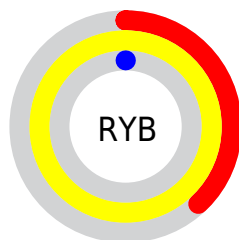
Distribution



Red (100%)

Green (73%)

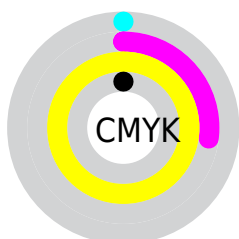
Blue (0%)



Red (38%)

Yellow (100%)

Blue (0%)

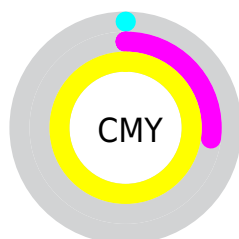


Cyan (0%)

Magenta (27%)

Yellow (100%)

Black (0%)



Cyan (0%)


Magenta (27%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.8050, 8.8964, 46.2503 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 74.8050, 8.8964, 46.2503 by changing the saturation by 10% instead.

 74.8050, 8.8964,
46.2503

 74.8050, 8.8964,
46.2503


202.3718, 6.8683,
87.9517


 63.3809, 8.8563,
40.7863


 99.4722, 8.7801,
56.5577


 52.6044, 8.7497,
35.0974


 112.6557, 8.6415,
61.4378

 42.5191, 8.5639,
29.4274

 126.3751, 8.4534,
66.1609

 33.1761, 8.2874,
23.2233

 140.6102, 8.2190,
70.7441

 24.6399, 7.9046,
17.2479

 155.3430, 7.9410,
75.2024

 16.9954, 7.3938,
11.8968

 170.5571, 7.6218,

 10.3623, 6.7234,

79.5490

7.2536

186.2379, 7.2637,
83.7953

0.0000, INF, NaN

0.0000, NaN, NaN

■ 74.8050, 8.8964,
46.2503

■ 74.8050, 8.8964,
46.2503

■ 74.8055, 8.8949,
46.2505

■ 76.8339, 5.5639,
46.7096

■ 78.9612, 2.5686,
46.3473


■ 81.2000, -0.0144,
44.9731


■ 83.5529, -2.1525,
42.5240


■ 86.0203, -3.8289,

38.9768

 88.6009, -5.0380,
34.3353

 91.2926, -5.7825,
28.6213

 94.0923, -6.0710,
21.8692

 96.9965, -5.9165,
14.1218

Harmonies

Analogous

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



74.8069, 51.2204, 41.4150



74.8050, 8.8964, 46.2503



74.8069, -29.2207, 45.2614

Triad

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



74.8069, 8.8926, 46.2509



74.8069, -63.1760, -26.5795



74.8069, 65.1935, -58.6754

Complementary

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



74.8050, 8.8964, 46.2503



34.0611, 46.4669, -142.8802

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.



74.8069, 25.0901, -101.7057



74.8050, 8.8964, 46.2503



74.8069, -46.7448, -77.3924

Square

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



74.8069, 8.8926, 46.2509



74.8069, -65.7235, 14.9935



74.8069, -16.0661, -109.9321



74.8069, 87.9341, -8.7936

Rectangle

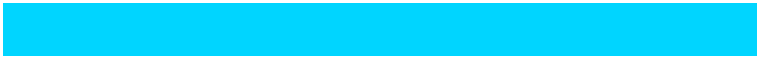
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.8050, 8.8964, 46.2503



74.8069, -47.7680, 41.0091



74.8069, -16.0661, -109.9321



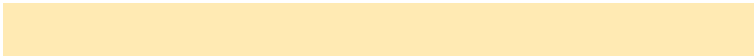
74.8069, 52.9445, -75.3195

Sweetspot

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



74.8069, 8.8926, 46.2509



91.2911, -5.7822, 28.6257



46.6171, 80.8421, 22.2857



41.7042, -2.5558, 14.4176

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



74.8069, 8.8926, 46.2509



74.8058, 8.8949, 46.2507



91.5231, -44.0951, 55.6238



44.9421, -2.7286, 6.3469



54.3161, 5.9867, 33.5741



17.4793, 0.9149, 10.7867

Inverse Universe

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



34.0611, 46.4669, -142.8802



34.0587, 46.4739, -142.8943



28.3549, 74.0172, -179.0548



42.6487, -1.7733, -1.9025



25.0465, 32.2954, -101.0225



8.8537, 7.2193, -26.6507

Previews

White Background



This preview shows how the HunterLab color 74.8050, 8.8964, 46.2503 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 74.8050, 8.8964, 46.2503 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 74.8050, 8.8964, 46.2503 Background



This preview shows how black text looks on a background with the HunterLab color 74.8050, 8.8964, 46.2503.



This preview shows how white text looks on a background with the HunterLab color 74.8050, 8.8964,

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

74.8050, 8.8964, 46.2503

Protanopia

74.9070, -10.2436, 45.6203

Deuteranopia

74.7427, 5.7923, 46.1575



Tritanopia

74.7653, 26.1010, 9.2444

Trichromacy



Original Color
74.8050, 8.8964, 46.2503

Protanomaly
74.7155, -3.2102, 45.7552

Deuteranomaly
74.7083, 7.1318, 46.1597

Tritanomaly
74.0487, 16.7123, 31.9468

Monochromacy



Original Color
74.8050, 8.8964, 46.2503

Achromatopsia
69.6527, -3.7165, 3.7844

Achromatomaly
70.5036, -3.8878, 28.9624

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 74.8050, 8.8964, 46.2503 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, 185, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 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, 185, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 74.8050, 8.8964, 46.2503 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, 185, 0) }
```


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

```
.border{ border-color:rgb(255, 185, 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, 185, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 74.8050, 8.8964, 46.2503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 0) }
```

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

```
.background{ background-color: rgb(255,  
185, 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