

# Converting Colors

HunterLab(71.4021, -1.0506,  
43.5041)

Have a look what the booklet for  
HunterLab(71.4021, -1.0506,  
43.5041) contains.

<b>HunterLab(71.4021, -1.0506, 43.5041)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(71.4021, -1.0506,  
43.5041)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5B812
RGB	229, 184, 18
RGB Percent	90%, 72%, 7%
CMY	0.1020, 0.2784, 0.9294
CMYK	0.00, 0.20, 0.92, 0.10
HSL	47°, 85%, 48%
HSV	47°, 92%, 90%
XYZ	49.5627, 50.9826, 7.8006
YIQ	178.5310, 80.1060, -42.0860

# Conversions

## Conversions Part 2

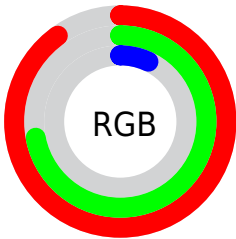
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 229, 18
Decimal	15054866
CIELab	76.67, 3.01, 76.71
CIElCh	77, 76.766, 87.752
Yxy	50.9851, 0.4574, 0.4706
Android (android.graphics.Color)	4293244946 (0xFFE5B812)
YUV	178.5310, -79.1418, 44.2613
Hunter-Lab	71.4021, -1.0506, 43.5041

# Details

The HunterLab color **71.4021, -1.0506, 43.5041** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **30.5636, 40.9519, -124.2499**, and the grayscale version is **67.2427, -3.5879, 3.6534**.

A 20% lighter version of the original color is **91.7978, -16.5196, 50.4524**, and **49.5555, 0.6802, 30.5477** is the 20% darker color. If you saturate the color by 10%, you get **70.2617, 0.6816, 43.3069**, and if you desaturate by 10%, it is **72.9143, -3.0289, 43.1772**.

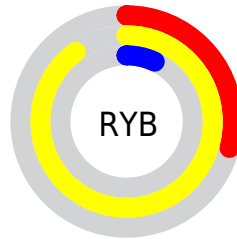
# Distribution



Red (90%)

Green (72%)

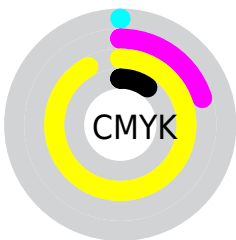
Blue (7%)



Red (29%)

Yellow (90%)

Blue (7%)

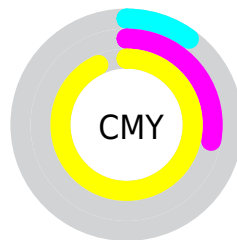


Cyan (0%)

Magenta (20%)

Yellow (92%)

Black (10%)



Cyan (10%)

Magenta (28%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.4021, -1.0506, 43.5041 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 71.4021, -1.0506, 43.5041 by changing the saturation by 10% instead.



71.4021, -1.0506,  
43.5041

71.4021, -1.0506,  
43.5041

197.6122, -6.6941,  
83.1096

60.1637, -0.6043,  
38.2887

95.7250, -2.0736,  
53.3141

49.5845, -0.1993,  
32.8426

108.7478, -2.6388,  
57.9502

39.7102, 0.1568,  
27.4048

122.3128, -3.2381,  
62.4341

30.5955, 0.4585,  
21.4169

136.3992, -3.8698,  
66.7833

22.3099, 0.6977,  
15.6169

150.9884, -4.5325,  
71.0131

14.9464, 0.8631,  
10.4625

166.0635, -5.2248,

8.5931, 1.0677,

75.1366

6.0151

181.6094, -5.9457,  
79.1655

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.4021, -1.0506,  
43.5041

■ 71.4021, -1.0506,  
43.5041

■ 70.2617, 0.6816,  
43.3069

■ 72.9143, -3.0289,  
43.1772

■ 74.5040, -4.6621,  
41.9897

■ 76.1775, -5.9202,  
39.8666

■ 77.9374, -6.7830,  
36.7678

■ 79.7848, -7.2400,

32.6773

■ 81.7197, -7.2878,  
27.5971

■ 83.7413, -6.9285,  
21.5424

■ 85.8483, -6.1686,  
14.5379

■ 88.0390, -5.0181,  
6.6156

# Harmonies

## Analogous

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



71.4039, 37.4066, 40.3388



71.4021, -1.0506, 43.5041



71.4039, -33.5136, 41.2282

# Triad

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



71.4039, -1.0538, 43.5047



71.4039, -55.7081, -34.4902



71.4039, 65.3798, -41.4307

# Complementary

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



71.4021, -1.0506, 43.5041



30.5636, 40.9519, -124.2499

# 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.



71.4039, 31.7073, -83.4568



71.4021, -1.0506, 43.5041



71.4039, -37.3908, -78.2337

# Square

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



71.4039, -1.0538, 43.5047



71.4039, -61.0608, 6.4436



71.4039, -6.5324, -99.4787



71.4039, 80.2384, 1.2316



# Rectangle

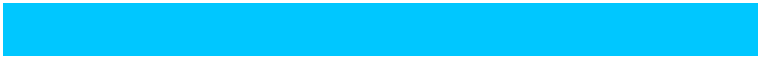
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.4021, -1.0506, 43.5041



71.4039, -48.5099, 35.6816



71.4039, -6.5324, -99.4787



71.4039, 55.5933, -56.7687

# Sweetspot

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



71.4039, -1.0538, 43.5047



93.2154, -8.1268, 28.5929



41.7827, 69.7692, 20.1427



42.6733, -3.8119, 14.5320

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



71.4039, -1.0538, 43.5047



79.2824, 0.9321, 48.8698



80.3375, -41.6335, 48.3520



40.3336, -2.7526, 5.8358



53.2989, 0.2212, 32.8464



14.9325, -0.6913, 9.1892



# Inverse Universe

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



30.5636, 40.9519, -124.2499



31.4543, 54.9736, -157.9873



27.7507, 63.8986, -140.1578



37.9246, -1.2711, -1.8927



21.5055, 35.2527, -102.9804



6.8958, 6.4609, -22.5664



# Previews

## White Background



This preview shows how the HunterLab color 71.4021, -1.0506, 43.5041 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 71.4021, -1.0506, 43.5041 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 71.4021, -1.0506, 43.5041 Background



This preview shows how black text looks on a background with the HunterLab color 71.4021, -1.0506, 43.5041.



This preview shows how white text looks on a background with the HunterLab color 71.4021, -1.0506,



# 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

71.4021, -1.0506, 43.5041

### Protanopia

71.5357, -9.7287, 43.3611

### Deuteranopia

71.4529, 5.0425, 43.4446



## Tritanopia

71.2486, 21.8119, 6.5488

# Trichromacy



## Original Color

71.4021, -1.0506, 43.5041

## Protanomaly

71.4657, -6.8884, 43.4051

## Deuteranomaly

71.2489, 2.8848, 43.3634

## Tritanomaly

70.8294, 10.6854, 27.8697

# Monochromacy



## Original Color

71.4021, -1.0506, 43.5041

## Achromatopsia

67.1406, -3.5825, 3.6479

## Achromatomaly

68.0251, -6.3680, 26.3177

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.4021, -1.0506, 43.5041 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(229, 184, 18)` looks like.

```
.text, #text, p{  
    color:rgb(229, 184, 18)  
}
```

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(229, 184, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 184, 18) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.4021, -1.0506, 43.5041 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(229, 184, 18) }
```



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

```
.border{ border-color:rgb(229, 184, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 184, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 184, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 184, 18);  
box-shadow:4px 4px 4px 4px rgb(229, 184,  
18) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.4021, -1.0506, 43.5041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 184, 18) }
```

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

```
.background{ background-color: rgb(229,  
184, 18) }
```

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