

# Converting Colors

HunterLab(76.0937, 7.5943,  
44.7570)

Have a look what the booklet for  
HunterLab(76.0937, 7.5943,  
44.7570) contains.

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# Color

**HunterLab(76.0769, 7.6252,  
44.7472)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBD31
RGB	255, 189, 49
RGB Percent	100%, 74%, 19%
CMY	0.0000, 0.2588, 0.8078
CMYK	0.00, 0.26, 0.81, 0.00
HSL	41°, 100%, 60%
HSV	41°, 81%, 100%
XYZ	59.9920, 57.8769, 10.9151
YIQ	192.7740, 84.2760, -29.5480

# Conversions

## Conversions Part 2

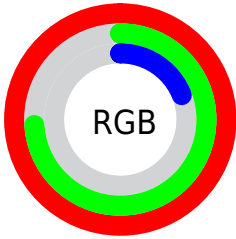
Format	Color
R <sub>Y</sub> B	146, 255, 49
Decimal	16760113
CIE Lab	80.67, 12.21, 73.76
CIE LCh	81, 74.769, 80.599
Yxy	57.8798, 0.4658, 0.4494
Android (android.graphics.Color)	4294950193 (0xFFFFBD31)
YUV	192.7740, -70.8806, 54.5722
Hunter-Lab	76.0769, 7.6252, 44.7472

# Details

The HunterLab color **76.0769, 7.6252, 44.7472** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **44.8708, 22.7071, -96.9622**, and the grayscale version is **73.1970, -3.9056, 3.9769**.

A 20% lighter version of the original color is **93.6089, -17.8520, 48.5586**, and **53.8013, 8.0232, 33.2926** is the 20% darker color. If you saturate the color by 10%, you get **73.6923, 11.2624, 44.9323**, and if you desaturate by 10%, it is **78.5962, 4.3984, 43.5529**.

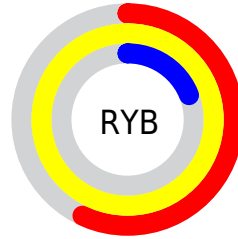
# Distribution



Red (100%)

Green (74%)

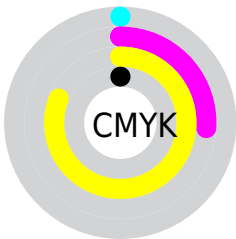
Blue (19%)



Red (57%)

Yellow (100%)

Blue (19%)

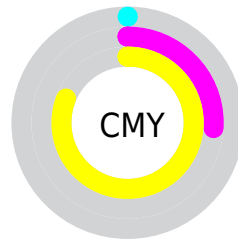


Cyan (0%)

Magenta (26%)

Yellow (81%)

Black (0%)



Cyan (0%)

Magenta (26%)


Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.0769, 7.6252, 44.7472 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 76.0769, 7.6252, 44.7472 by changing the saturation by 10% instead.




 76.0769, 7.6252,  
44.7472


 76.0769, 7.6252,  
44.7472

204.1416, 5.1077,  
82.5441


 64.5849, 7.6516,  
39.7958

 100.8701, 7.3855,  
54.0691

 53.7363, 7.6151,  
34.6200

 114.1126, 7.1890,  
58.4824


 43.5740, 7.5038,  
29.2080

 127.8887, 6.9452,  
62.7568

 34.1480, 7.3072,  
23.9036

 142.1784, 6.6571,  
66.9085

 25.5209, 7.0109,  
17.8647

 156.9639, 6.3271,  
70.9517

 17.7752, 6.5945,  
12.4426

172.2292, 5.9576,

 11.0254, 6.0280,

74.8986

7.7178

187.9595, 5.5506,  
78.7597

■ 2.7274, 19.3660,  
1.9092

0.0000, NaN, NaN

■ 76.0769, 7.6252,  
44.7472

■ 76.0769, 7.6252,  
44.7472

■ 73.6923, 11.2624,  
44.9323

■ 78.5962, 4.3984,  
43.5529

■ 71.5997, 14.9143,  
44.3805

■ 81.2453, 1.6267,  
41.2921

■ 84.0245, -0.6782,  
37.9534

■ 86.9304, -2.5132,  
33.5519

■ 89.9590, -3.8837,  
28.1202

■ 93.1054, -4.8018,  
21.7024

■ 96.3647, -5.2834,  
14.3487

99.7318, -5.3477,  
6.1130

99.9999, -5.3360,  
5.4331

# Harmonies

## Analogous

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



76.0788, 45.2531, 39.5567



76.0769, 7.6252, 44.7472



76.0788, -26.9983, 43.6678

# Triad

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



76.0788, 7.6214, 44.7479



76.0788, -58.7901, -22.9766



76.0788, 57.4151, -50.8921

# Complementary

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



76.0769, 7.6252, 44.7472



44.8708, 22.7071, -96.9622

# 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.



76.0788, 21.9580, -87.3448



76.0769, 7.6252, 44.7472



76.0788, -43.3338, -66.6825

# Square

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



76.0788, 7.6214, 44.7479



76.0788, -61.1931, 14.1655



76.0788, -15.0831, -94.1831



76.0788, 77.3358, -7.4652



# Rectangle

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



76.0769, 7.6252, 44.7472



76.0788, -44.2052, 39.1738



76.0788, -15.0831, -94.1831



76.0788, 46.6381, -65.0780

# Sweetspot

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



76.0788, 7.6214, 44.7479



92.0807, -4.5548, 23.8722



49.7565, 76.4742, 11.6973



42.0821, -1.9560, 12.1026

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



76.0788, 7.6214, 44.7479



72.2724, 13.7105, 44.5937



93.3066, -36.9647, 55.0012



44.7792, -2.4587, 6.1738



52.0279, 10.2604, 32.2390



16.8323, 2.0811, 10.4084



# Inverse Universe

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



44.8708, 22.7071, -96.9622



37.5075, 36.8963, -125.7934



33.5729, 62.1806, -145.3008



42.8107, -2.0441, -1.7008



26.7187, 27.4962, -92.7525



9.3952, 5.9014, -24.4825



# Previews

## White Background



This preview shows how the HunterLab color 76.0769, 7.6252, 44.7472 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 76.0769, 7.6252, 44.7472 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 76.0769, 7.6252, 44.7472 Background



This preview shows how black text looks on a background with the HunterLab color 76.0769, 7.6252, 44.7472.



This preview shows how white text looks on a background with the HunterLab color 76.0769, 7.6252,



# 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

76.0769, 7.6252, 44.7472

### Protanopia

76.1766, -10.1536, 44.2333

### Deuteranopia

75.9841, 5.8451, 44.7414



## Tritanopia

75.9369, 24.5214, 8.7364

# Trichromacy



## Original Color

76.0769, 7.6252, 44.7472

## Protanomaly

76.1606, -4.0106, 44.4214

## Deuteranomaly

76.1071, 6.2569, 44.8280

## Tritanomaly

75.4924, 16.4570, 27.6225

# Monochromacy



## Original Color

76.0769, 7.6252, 44.7472

## Achromatopsia

73.0258, -3.8965, 3.9676

## Achromatomaly

73.6351, -2.8650, 25.0333

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.0769, 7.6252, 44.7472 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, 189, 49)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 49)  
}
```

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, 189, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 49) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.0769, 7.6252, 44.7472 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, 189, 49) }
```



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

```
.border{ border-color:rgb(255, 189, 49) }
```

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

Here you see how a box with a 4 pixel rgb(255, 189, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 49);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
49) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.0769, 7.6252, 44.7472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 49) }
```

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

```
.background{ background-color: rgb(255,  
189, 49) }
```

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](#).

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