

Converting Colors

HunterLab(76.3413, 7.2270,
44.7353)

Have a look what the booklet for
HunterLab(76.3413, 7.2270,
44.7353) contains.

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Color

**HunterLab(76.3714, 7.1724,
44.7538)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBE33
RGB	255, 190, 51
RGB Percent	100%, 75%, 20%
CMY	0.0000, 0.2549, 0.8000
CMYK	0.00, 0.25, 0.80, 0.00
HSL	41°, 100%, 60%
HSV	41°, 80%, 100%
XYZ	60.2510, 58.3259, 11.2144
YIQ	193.5890, 83.3590, -29.4490

Conversions

Conversions Part 2

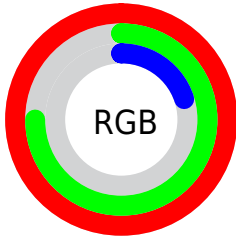
Format	Color
RYB	146, 255, 51
Decimal	16760371
CIELab	80.92, 11.75, 73.35
CIELCh	81, 74.289, 80.896
Yxy	58.3288, 0.4642, 0.4494
Android (android.graphics.Color)	4294950451 (0xFFFFBE33)
YUV	193.5890, -70.2964, 53.8574
Hunter-Lab	76.3714, 7.1724, 44.7538

Details

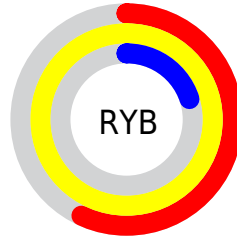
The HunterLab color **76.3714, 7.1724, 44.7538** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **45.1820, 22.3081, -95.9164**, and the grayscale version is **73.5401, -3.9239, 3.9956**.

A 20% lighter version of the original color is **93.9551, -18.2170, 48.4458**, and **54.0636, 7.5354, 33.4457** is the 20% darker color. If you saturate the color by 10%, you get **73.9865, 10.7550, 45.0183**, and if you desaturate by 10%, it is **78.8903, 4.0035, 43.4737**.

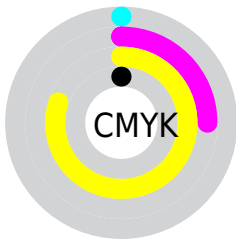
Distribution



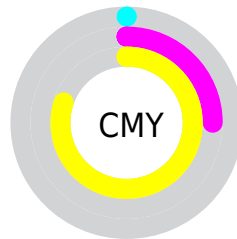
- Red (100%)
- Green (75%)
- Blue (20%)



- Red (57%)
- Yellow (100%)
- Blue (20%)



- Cyan (0%)
- Magenta (25%)
- Yellow (80%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.3714, 7.1724, 44.7538 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 76.3714, 7.1724, 44.7538 by changing the saturation by 10% instead.

 76.3714, 7.1724,
44.7538


 76.3714, 7.1724,
44.7538

204.5507, 4.4863,
82.3361


 64.8637, 7.2215,
39.8324

 101.1936, 6.8903,
54.0196


 53.9986, 7.2090,
34.6875

 114.4497, 6.6739,
58.4069

 43.8187, 7.1232,
29.3059

 128.2388, 6.4109,
62.6565

 34.3736, 6.9538,
24.0615

 142.5411, 6.1042,
66.7847

 25.7257, 6.6868,
18.0080

 157.3387, 5.7564,
70.8054

 17.9567, 6.3023,
12.5697

172.6158, 5.3695,

 11.1804, 5.7707,

74.7309

7.8263

188.3576, 4.9456,
78.5715

■ 3.1936, 15.8677,
2.2355

0.0000, NaN, NaN

■ 76.3714, 7.1724,
44.7538

■ 76.3714, 7.1724,
44.7538

■ 73.9865, 10.7550,
45.0183

■ 78.8903, 4.0035,
43.4737

■ 71.7208, 14.6817,
44.4509

■ 81.5383, 1.2910,
41.1247

■ 71.7203, 14.6825,
44.4507

■ 84.3154, -0.9542,
37.6972

■ 87.2184, -2.7297,
33.2076

■ 90.2432, -4.0415,
27.6891

■ 93.3851, -4.9018,
21.1861

■ 96.6392, -5.3268,
13.7489

■ 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.



76.3733, 44.5924, 39.6051



76.3714, 7.1724, 44.7538



76.3733, -27.2034, 43.6069

Triad

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



76.3733, 7.1686, 44.7545



76.3733, -58.5230, -23.2118



76.3733, 57.3042, -50.0333

Complementary

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



76.3714, 7.1724, 44.7538



45.1820, 22.3081, -95.9164

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.



76.3733, 22.1726, -86.3201



76.3714, 7.1724, 44.7538



76.3733, -42.9708, -66.4975

Square

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



76.3733, 7.1686, 44.7545



76.3733, -61.0500, 13.8468



76.3733, -14.7115, -93.4418



76.3733, 76.8603, -6.9961

Rectangle

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



76.3714, 7.1724, 44.7538



76.3733, -44.2701, 39.0301



76.3733, -14.7115, -93.4418



76.3733, 46.6490, -64.1218

Sweetspot

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



76.3733, 7.1686, 44.7545



92.1143, -4.6108, 23.9039



49.9599, 76.0419, 11.4030



42.0998, -1.9857, 12.1189

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.3733, 7.1686, 44.7545



72.6150, 13.0871, 44.7350



93.3438, -36.8039, 54.8840



44.7855, -2.4691, 6.1804



52.1141, 10.0958, 32.2892



16.8567, 2.0361, 10.4227

Inverse Universe

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



45.1820, 22.3081, -95.9164



37.8114, 36.1925, -124.4165



33.9405, 61.4640, -143.2772



42.8045, -2.0337, -1.7086



26.6512, 27.6818, -93.0686



9.3737, 5.9516, -24.5642

Previews

White Background



This preview shows how the HunterLab color 76.3714, 7.1724, 44.7538 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 76.3714, 7.1724, 44.7538 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 76.3714, 7.1724, 44.7538 Background



This preview shows how black text looks on a background with the HunterLab color 76.3714, 7.1724, 44.7538.



This preview shows how white text looks on a background with the HunterLab color 76.3714, 7.1724,

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

76.3714, 7.1724, 44.7538

Protanopia

76.6004, -10.1955, 44.3210

Deuteranopia

76.4089, 5.8353, 44.7547



Tritanopia

76.2322, 24.1277, 8.6103

Trichromacy



Original Color

76.3714, 7.1724, 44.7538

Protanomaly

76.5831, -4.0509, 44.5116

Deuteranomaly

76.5320, 6.2470, 44.8417

Tritanomaly

75.8051, 16.1320, 27.2838

Monochromacy



Original Color

76.3714, 7.1724, 44.7538

Achromatopsia

73.4493, -3.9191, 3.9906

Achromatomaly

73.9539, -3.2539, 24.9963

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.3714, 7.1724, 44.7538 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, 190, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 51)  
}
```

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, 190, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 76.3714, 7.1724, 44.7538 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, 190, 51) }
```


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

```
.border{ border-color:rgb(255, 190, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.3714, 7.1724, 44.7538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 51) }
```

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

```
.background{ background-color: rgb(255,  
190, 51) }
```

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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