

Converting Colors

HunterLab(76.4228, 5.5789,
45.2630)

Have a look what the booklet for
HunterLab(76.4228, 5.5789,
45.2630) contains.

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Color

**HunterLab(76.3765, 5.6618,
45.2347)**

Conversions

Conversions Part 1

Format	Color
Hex	FDBF2D
RGB	253, 191, 45
RGB Percent	99%, 75%, 18%
CMY	0.0078, 0.2510, 0.8235
CMYK	0.00, 0.25, 0.82, 0.01
HSL	42°, 98%, 58%
HSV	42°, 82%, 99%
XYZ	59.6125, 58.3337, 10.6003
YIQ	192.8940, 83.8180, -32.2620

Conversions

Conversions Part 2

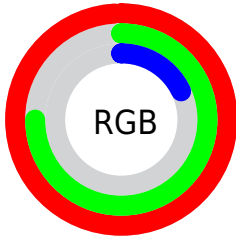
Format	Color
R_{YB}	133, 253, 45
Decimal	16629549
CIE _{Lab}	80.93, 10.21, 75.10
CIE _{LCh}	81, 75.795, 82.256
Yxy	58.3366, 0.4637, 0.4538
Android (android.graphics.Color)	4294819629 (0xFFFD _{BF2D})
YUV	192.8940, -72.9117, 52.7130
Hunter-Lab	76.3765, 5.6618, 45.2347

Details

The HunterLab color **76.3765, 5.6618, 45.2347** 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 **42.6204, 26.2207, -102.5518**, and the grayscale version is **73.2563, -3.9088, 3.9802**.

A 20% lighter version of the original color is **94.2237, -19.0215, 49.4861**, and **54.0863, 6.2527, 33.4372** is the 20% darker color. If you saturate the color by 10%, you get **74.1563, 9.0214, 45.3344**, and if you desaturate by 10%, it is **78.7194, 2.6982, 44.1513**.

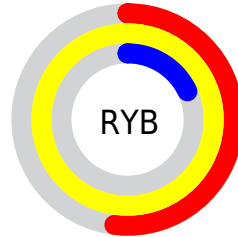
Distribution



Red (99%)

Green (75%)

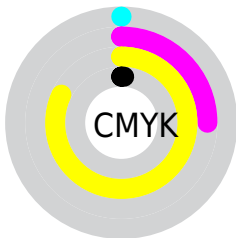
Blue (18%)



Red (52%)

Yellow (99%)

Blue (18%)

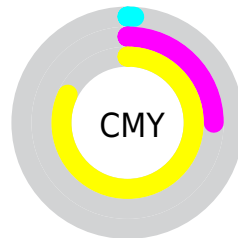


Cyan (0%)

Magenta (25%)

Yellow (82%)

Black (1%)



Cyan (1%)


Magenta (25%)

Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.3765, 5.6618, 45.2347 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 76.3765, 5.6618, 45.2347 by changing the saturation by 10% instead.


 76.3765, 5.6618,
45.2347

 76.3765, 5.6618,
45.2347

204.5578, 2.4398,
83.6128


 64.8686, 5.7826,
40.2085


 101.1992, 5.2457,
54.7010

 54.0031, 5.8454,
34.9575


 114.4555, 4.9661,
59.1832

 43.8229, 5.8391,
29.4749


 128.2448, 4.6422,
63.5241

 34.3775, 5.7542,
24.0642

 142.5473, 4.2766,
67.7401

 25.7293, 5.5777,
18.0105

 157.3452, 3.8717,
71.8456

 17.9599, 5.2909,
12.5719

 172.6225, 3.4294,

 11.1831, 4.8653,

75.8526

7.8281

188.3644, 2.9516,
79.7719

■ 3.2010, 13.7319,
2.2407

0.0000, NaN, NaN

■ 76.3765, 5.6618,
45.2347

■ 76.3765, 5.6618,
45.2347

■ 74.1563, 9.0214,
45.3344

■ 78.7194, 2.6982,
44.1513

■ 72.4992, 11.8584,
44.8813

■ 81.1818, 0.1778,
42.0140

■ 83.7652, -1.8847,
38.8003

■ 86.4677, -3.4833,
34.5155

89.2863, -4.6209,
29.1843

92.2173, -5.3066,
22.8436

95.2565, -5.5545,
15.5389

98.3997, -5.3814,
7.3199

99.8111, -5.9936,
5.1991

Harmonies

Analogous

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



76.3784, 44.0649, 40.4574



76.3765, 5.6618, 45.2347



76.3784, -28.9981, 43.8328

Triad

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



76.3784, 5.6581, 45.2354



76.3784, -59.0064, -25.8680



76.3784, 60.0740, -49.3686

Complementary

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



76.3765, 5.6618, 45.2347



42.6204, 26.2207, -102.5518

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.



76.3784, 24.5101, -87.6467



76.3765, 5.6618, 45.2347



76.3784, -42.6348, -70.1971

Square

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



76.3784, 5.6581, 45.2354



76.3784, -62.1537, 12.6565



76.3784, -13.3524, -96.6744



76.3784, 79.1208, -5.4465

Rectangle

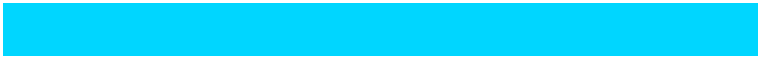
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.3765, 5.6618, 45.2347



76.3784, -45.9549, 39.0102



76.3784, -13.3524, -96.6744



76.3784, 49.3676, -64.0349

Sweetspot

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



76.3784, 5.6581, 45.2354



92.2080, -5.2059, 24.9404



48.8158, 75.9071, 14.3786



42.1779, -2.2993, 12.5864

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.3784, 5.6581, 45.2354



73.3554, 11.6101, 45.3453



91.8410, -39.0972, 54.3044



44.8584, -2.5901, 6.2580



53.1296, 8.1778, 32.8814



17.1444, 1.5127, 10.5908

Inverse Universe

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



42.6204, 26.2207, -102.5518



35.5751, 42.0668, -135.0172



33.1306, 63.5795, -144.7742



42.7319, -1.9124, -1.7989



25.8826, 29.8415, -96.7702



9.1274, 6.5404, -25.5274

Previews

White Background



This preview shows how the HunterLab color 76.3765, 5.6618, 45.2347 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 76.3765, 5.6618, 45.2347 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 76.3765, 5.6618, 45.2347 Background



This preview shows how black text looks on a background with the HunterLab color 76.3765, 5.6618, 45.2347.



This preview shows how white text looks on a background with the HunterLab color 76.3765, 5.6618,

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

76.3765, 5.6618, 45.2347

Protanopia

76.5658, -10.3876, 44.8323

Deuteranopia

76.3765, 5.6618, 45.2347



Tritanopia

76.2614, 24.2767, 8.1926

Trichromacy



Original Color

76.3765, 5.6618, 45.2347

Protanomaly

76.4371, -4.6271, 44.9331

Deuteranomaly

76.3765, 5.6618, 45.2347

Tritanomaly

75.9163, 14.9998, 27.9653

Monochromacy



Original Color

76.3765, 5.6618, 45.2347

Achromatopsia

73.0258, -3.8965, 3.9676

Achromatomaly

73.4918, -3.4422, 25.5191

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.3765, 5.6618, 45.2347 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(253, 191, 45)` looks like.

```
.text, #text, p{  
    color:rgb(253, 191, 45)  
}
```

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(253, 191, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 191, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 76.3765, 5.6618, 45.2347 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(253, 191, 45) }
```


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

```
.border{ border-color:rgb(253, 191, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 191, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 191, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 191, 45);  
box-shadow:4px 4px 4px 4px rgb(253, 191,  
45) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.3765, 5.6618, 45.2347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 191, 45) }
```

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

```
.background{ background-color: rgb(253,  
191, 45) }
```

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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