

Converting Colors

HunterLab(75.0228, -5.5355,
45.2413)

Have a look what the booklet for
HunterLab(75.0228, -5.5355,
45.2413) contains.

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Color

**HunterLab(74.9019, -5.5365,
45.1877)**

Conversions

Conversions Part 1

Format	Color
Hex	E7C31C
RGB	231, 195, 28
RGB Percent	91%, 76%, 11%
CMY	0.0941, 0.2353, 0.8902
CMYK	0.00, 0.16, 0.88, 0.09
HSL	49°, 81%, 51%
HSV	49°, 88%, 91%
XYZ	52.6797, 56.1029, 9.1510
YIQ	186.7260, 75.0630, -44.3050

Conversions

Conversions Part 2

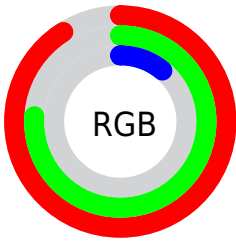
Format	Color
R_{YB}	72, 231, 28
Decimal	15188764
CIE Lab	79.67, -1.67, 77.35
CIE LCh	80, 77.364, 91.238
Yxy	56.1057, 0.4467, 0.4757
Android (android.graphics.Color)	4293378844 (0xFFE7C31C)
YUV	186.7260, -78.2519, 38.8283
Hunter-Lab	74.9019, -5.5365, 45.1877

Details

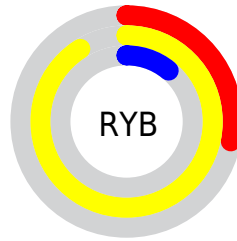
The HunterLab color **74.9019, -5.5365, 45.1877** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **31.1184, 41.5453, -124.1401**, and the grayscale version is **70.6763, -3.7711, 3.8400**.

A 20% lighter version of the original color is **95.4267, -21.5476, 51.8447**, and **52.9187, -3.3301, 32.5500** is the 20% darker color. If you saturate the color by 10%, you get **73.6356, -3.7961, 45.1939**, and if you desaturate by 10%, it is **76.2382, -6.9804, 44.4099**.

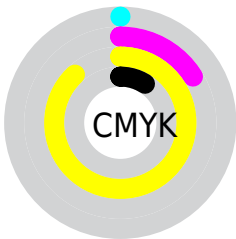
Distribution



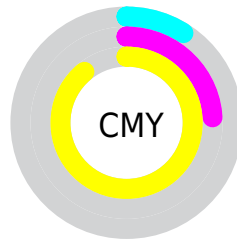
- Red (91%)
- Green (76%)
- Blue (11%)



- Red (28%)
- Yellow (91%)
- Blue (11%)



- Cyan (0%)
- Magenta (16%)
- Yellow (88%)
- Black (9%)



- Cyan (9%)
- Magenta (24%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.9019, -5.5365, 45.1877 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 74.9019, -5.5365, 45.1877 by changing the saturation by 10% instead.

■ 74.9019, -5.5365,
45.1877

■ 74.9019, -5.5365,
45.1877

202.5067,
-12.9643, 84.7304

■ 63.4726, -4.8458,
40.0009

■ 99.5786, -7.0120,
54.9566

■ 52.6905, -4.1815,
34.5869

■ 112.7667, -7.7886,
59.5797

■ 42.5993, -3.5480,
29.0120

■ 126.4904, -8.5909,
64.0549

■ 33.2499, -2.9465,
23.2749

■ 140.7297, -9.4182,
68.3990

■ 24.7067, -2.3783,
17.2947

■ 155.4665,
-10.2699, 72.6267

■ 17.0545, -1.8443,
11.9382

■ 170.6846,

■ 10.4124, -1.3446,

-11.1451, 76.7506

7.2887

186.3691,
-12.0435, 80.7820

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.9019, -5.5365,
45.1877

■ 74.9019, -5.5365,
45.1877

■ 73.6356, -3.7961,
45.1939

■ 76.2382, -6.9804,
44.4099

■ 73.3709, -3.4074,
45.1512


■ 77.6476, -8.0661,
42.7297


■ 79.1365, -8.7674,
40.0803


■ 80.7077, -9.0659,
36.4234


■ 82.3627, -8.9515,

31.7421

 84.1020, -8.4205,
26.0359

 85.9256, -7.4745,
19.3169

 87.8325, -6.1192,
11.6068

 89.8218, -4.3637,
2.9350

Harmonies

Analogous

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



74.9037, 33.6132, 42.5587



74.9019, -5.5365, 45.1877



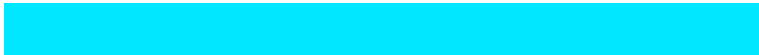
74.9037, -37.5997, 42.0402

Triad

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



74.9037, -5.5397, 45.1883



74.9037, -55.8682, -40.4832



74.9037, 69.5726, -36.6033

Complementary

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



74.9019, -5.5365, 45.1877



31.1184, 41.5453, -124.1401

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.



74.9037, 36.8152, -80.5403



74.9019, -5.5365, 45.1877



74.9037, -35.4016, -83.4465

Square

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



74.9037, -5.5397, 45.1883



74.9037, -62.9324, 2.5923



74.9037, -2.4491, -100.8217



74.9037, 81.7531, 5.5323

Rectangle

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



74.9019, -5.5365, 45.1877



74.9037, -52.0093, 35.3901



74.9037, -2.4491, -100.8217



74.9037, 60.3238, -52.2512

Sweetspot

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



74.9037, -5.5397, 45.1883



94.4291, -9.2694, 27.9029



42.6661, 68.9623, 20.5010



43.3661, -4.4216, 14.0293

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



74.9037, -5.5397, 45.1883



82.0043, -3.6894, 50.4661



80.8827, -42.9793, 48.2814



40.4469, -2.9390, 5.9555



55.0862, -2.8014, 33.8948



15.3515, -1.3813, 9.4353

Inverse Universe

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



31.1184, 41.5453, -124.1401



30.1881, 59.4963, -166.1679



29.8172, 63.2496, -130.8475



37.8130, -1.0832, -2.0327



20.6126, 38.3444, -108.5384



6.5979, 7.2750, -23.9514

Previews

White Background



This preview shows how the HunterLab color 74.9019, -5.5365, 45.1877 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 74.9019, -5.5365, 45.1877 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 74.9019, -5.5365, 45.1877 Background



This preview shows how black text looks on a background with the HunterLab color 74.9019, -5.5365, 45.1877.



This preview shows how white text looks on a background with the HunterLab color 74.9019, -5.5365,

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

74.9019, -5.5365, 45.1877

Protanopia

74.9432, -10.0424, 45.0842

Deuteranopia

74.6966, 5.7929, 44.9279



Tritanopia

74.7430, 19.6367, 5.4446

Trichromacy



Original Color

74.9019, -5.5365, 45.1877

Protanomaly

74.9600, -8.4205, 45.1232

Deuteranomaly

74.7050, 1.3810, 44.9725

Tritanomaly

74.1729, 7.6635, 27.8104

Monochromacy



Original Color

74.9019, -5.5365, 45.1877

Achromatopsia

70.4935, -3.7614, 3.8300

Achromatomaly

71.4901, -7.7446, 26.6917

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 74.9019, -5.5365, 45.1877 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(231, 195, 28)` looks like.

```
.text, #text, p{  
    color:rgb(231, 195, 28)  
}
```

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(231, 195, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 195, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 74.9019, -5.5365, 45.1877 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(231, 195, 28) }
```


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

```
.border{ border-color:rgb(231, 195, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 195, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 195, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 195, 28);  
box-shadow:4px 4px 4px 4px rgb(231, 195,  
28) }
```

Background

The CSS property to change the background color of an element to HunterLab 74.9019, -5.5365, 45.1877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 195, 28) }
```

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

```
.background{ background-color: rgb(231,  
195, 28) }
```

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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