

Converting Colors

HunterLab(75.1443, -5.5966,
40.0768)

Have a look what the booklet for
HunterLab(75.1443, -5.5966,
40.0768) contains.

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Color

**HunterLab(75.1031, -5.6927,
40.0330)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C451
RGB	227, 196, 81
RGB Percent	89%, 77%, 32%
CMY	0.1098, 0.2313, 0.6823
CMYK	0.00, 0.14, 0.64, 0.11
HSL	47°, 72%, 60%
HSV	47°, 64%, 89%
XYZ	52.9036, 56.4048, 15.8835
YIQ	192.1590, 55.3910, -29.1930

Conversions

Conversions Part 2

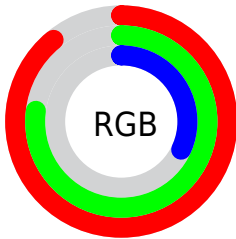
Format	Color
RYB	120, 227, 81
Decimal	14926929
CIELab	79.85, -1.83, 59.96
CIElCh	80, 59.993, 91.746
Yxy	56.4074, 0.4226, 0.4505
Android (android.graphics.Color)	4293117009 (0xFFE3C451)
YUV	192.1590, -54.8014, 30.5556
Hunter-Lab	75.1031, -5.6927, 40.0330

Details

The HunterLab color **75.1031, -5.6927, 40.0330** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **43.4547, 18.6475, -72.0520**, and the grayscale version is **72.8792, -3.8887, 3.9597**.

A 20% lighter version of the original color is **96.2445, -19.2702, 44.8475**, and **52.9449, -4.5730, 31.6366** is the 20% darker color. If you saturate the color by 10%, you get **73.4728, -4.3796, 41.9339**, and if you desaturate by 10%, it is **76.8218, -6.6243, 37.1743**.

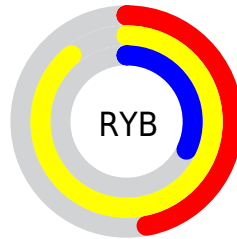
Distribution



Red (89%)

Green (77%)

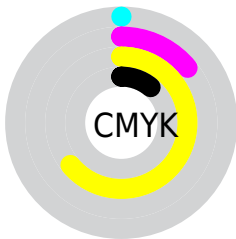
Blue (32%)



Red (47%)

Yellow (89%)

Blue (32%)

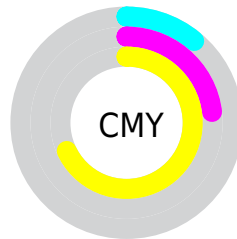


Cyan (0%)

Magenta (14%)

Yellow (64%)

Black (11%)



Cyan (11%)

Magenta (23%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.1031, -5.6927, 40.0330 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 75.1031, -5.6927, 40.0330 by changing the saturation by 10% instead.

■ 75.1031, -5.6927,
40.0330

■ 75.1031, -5.6927,
40.0330

202.7869,
-13.1814, 71.6396

■ 63.6629, -4.9935,
35.9131

■ 99.7998, -7.1835,
47.7825

■ 52.8694, -4.3203,
31.5911

■ 112.9972, -7.9673,
51.4565

■ 42.7660, -3.6774,
27.0368

■ 126.7299, -8.7766,
55.0212

■ 33.4034, -3.0657,
22.2986

■ 140.9779, -9.6106,
58.4911

■ 24.8458, -2.4863,
17.3921

■ 155.7231,
-10.4687, 61.8784

■ 17.1774, -1.9399,
12.0242

170.9492,

■ 10.5168, -1.4259,

-11.3503, 65.1933

7.3617

186.6417,
-12.2547, 68.4446

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.1031, -5.6927,
40.0330

■ 75.1031, -5.6927,
40.0330

■ 73.4728, -4.3796,
41.9339

■ 76.8218, -6.6243,
37.1743

■ 71.9228, -2.6984,
42.9214

■ 78.6250, -7.1532,
33.3354

■ 70.4493, -0.6888,
43.0808

■ 80.5146, -7.2774,
28.5152

■ 69.6382, 0.5547,
42.9204

■ 82.4901, -6.9980,
22.7260

■ 84.5504, -6.3205,

15.9904

■ 86.6937, -5.2540,
8.3384

■ 88.9182, -3.8102,
-0.1944

■ 90.9474, -3.4983,
-5.6961

■ 92.4686, -6.0281,
-3.7884

Harmonies

Analogous

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



75.1049, 24.1140, 37.3139



75.1031, -5.6927, 40.0330



75.1049, -31.0445, 36.5571

Triad

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



75.1049, -5.6957, 40.0337



75.1049, -45.6279, -29.3418



75.1049, 51.4078, -25.4510

Complementary

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



75.1031, -5.6927, 40.0330



43.4547, 18.6475, -72.0520

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.



75.1049, 27.4850, -56.1078



75.1031, -5.6927, 40.0330



75.1049, -28.5241, -58.8876

Square

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



75.1049, -5.6957, 40.0337



75.1049, -51.8330, 2.4610



75.1049, -2.3122, -70.1635



75.1049, 59.9174, 5.6797

Rectangle

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



75.1031, -5.6927, 40.0330



75.1049, -42.8212, 29.9846



75.1049, -2.3122, -70.1635



75.1049, 44.7404, -36.5061

Sweetspot

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



75.1049, -5.6957, 40.0337



95.3285, -7.6392, 22.0715



48.3738, 54.0211, 11.7366



43.7918, -3.6298, 11.2173

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.1049, -5.6957, 40.0337



83.2588, -4.4307, 48.3134



81.1943, -34.1141, 43.7494



40.3367, -2.7576, 5.8390



53.3462, 0.1401, 32.8741



14.9436, -0.7098, 9.1957

Inverse Universe

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



43.4547, 18.6475, -72.0520



41.6143, 31.9311, -108.5910



39.4917, 43.3731, -84.0114



37.9216, -1.2661, -1.8965



21.4800, 35.3383, -103.1333



6.8877, 6.4824, -22.6027

Previews

White Background



This preview shows how the HunterLab color 75.1031, -5.6927, 40.0330 looks on a white background.

Color Contrast Check

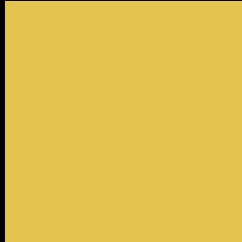
Large Text (above 18pt) WCAG AA × Fail

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 75.1031, -5.6927, 40.0330 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 75.1031, -5.6927, 40.0330 Background



This preview shows how black text looks on a background with the HunterLab color 75.1031, -5.6927, 40.0330.

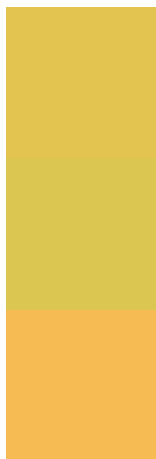


This preview shows how white text looks on a background with the HunterLab color 75.1031, -5.6927,

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

75.1031, -5.6927, 40.0330

Protanopia

74.9753, -9.2339, 39.7252

Deuteranopia

74.9559, 5.8783, 39.8171



Tritanopia

75.0751, 16.6457, 4.3595

Trichromacy



Original Color

75.1031, -5.6927, 40.0330

Protanomaly

74.9864, -7.6328, 39.7610

Deuteranomaly

74.9810, 1.5028, 39.9171

Tritanomaly

74.6034, 7.0310, 21.4483

Monochromacy



Original Color

75.1031, -5.6927, 40.0330

Achromatopsia

72.6027, -3.8739, 3.9446

Achromatomaly

73.0658, -5.9242, 20.8140

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.1031, -5.6927, 40.0330 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(227, 196, 81)` looks like.

```
.text, #text, p{  
    color:rgb(227, 196, 81)  
}
```

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(227, 196, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 196, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 75.1031, -5.6927, 40.0330 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(227, 196, 81) }
```


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

```
.border{ border-color:rgb(227, 196, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 196, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 196, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 196, 81);  
box-shadow:4px 4px 4px 4px rgb(227, 196,  
81) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.1031, -5.6927, 40.0330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 196, 81) }
```

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

```
.background{ background-color: rgb(227,  
196, 81) }
```

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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