

Converting Colors

HunterLab(78.5032, -13.2091,
47.9265)

Have a look what the booklet for
HunterLab(78.5032, -13.2091,
47.9265) contains.

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Color

**HunterLab(78.5033,
-13.2191, 47.9250)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D00A
RGB	228, 208, 10
RGB Percent	89%, 82%, 4%
CMY	0.1059, 0.1843, 0.9607
CMYK	0.00, 0.09, 0.96, 0.11
HSL	54°, 92%, 47%
HSV	54°, 96%, 89%
XYZ	54.6056, 61.6277, 9.3046
YIQ	191.4080, 75.4780, -57.3380

Conversions

Conversions Part 2

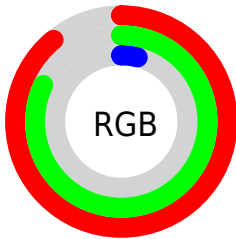
Format	Color
R _Y B	32, 228, 10
Decimal	14995466
CIE Lab	82.72, -9.84, 82.10
CIE LCh	83, 82.692, 96.835
Yxy	61.6306, 0.4350, 0.4909
Android (android.graphics.Color)	4293185546 (0xFFE4D00A)
YUV	191.4080, -89.4341, 32.0912
Hunter-Lab	78.5033, -13.2191, 47.9250

Details

The HunterLab color **78.5033, -13.2191, 47.9250** is a light color, and the websafe version is hex **CCCC00**, and the color name is **citrine**. The color can be described as light washed yellow. A complement of this color would be **25.6822, 56.4883, -152.6332**, and the grayscale version is **72.6985, -3.8790, 3.9498**.

A 20% lighter version of the original color is **96.6961, -23.7482, 53.3728**, and **56.0678, -9.9189, 34.3751** is the 20% darker color. If you saturate the color by 10%, you get **78.2057, -12.8586, 47.9649**, and if you desaturate by 10%, it is **79.2111, -13.9182, 47.4983**.

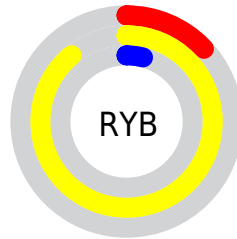
Distribution



Red (89%)

Green (82%)

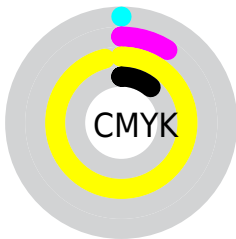
Blue (4%)



Red (13%)

Yellow (89%)

Blue (4%)

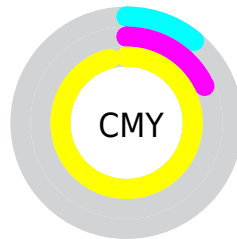


Cyan (0%)

Magenta (9%)

Yellow (96%)

Black (11%)



Cyan (11%)

Magenta (18%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 78.5033, -13.2191, 47.9250 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 78.5033, -13.2191, 47.9250 by changing the saturation by 10% instead.

■ 78.5033, -13.2191,
47.9250

■ 78.5033, -13.2191,
47.9250

207.5048,
-23.7064, 89.2665

■ 66.8837, -12.1095,
42.5267

■ 103.5333,
-15.4704, 58.1175

■ 55.9001, -11.0008,
36.9053

■ 116.8866,
-16.6094, 62.9492

■ 45.5938, -9.8921,
31.1168

■ 130.7693,
-17.7599, 67.6294

■ 36.0126, -8.7771,
25.2088

■ 145.1617,
-18.9226, 72.1744

■ 27.2163, -7.6461,
19.0514

■ 160.0466,
-20.0983, 76.5987

■ 19.2823, -6.4827,
13.4976

■ 175.4081,

■ 12.3172, -5.2564,

-21.2873, 80.9150

8.6220

191.2319,
-22.4899, 85.1344

■ 5.4840, -8.1123,
3.8388

0.0000, NaN, NaN

■ 78.5033, -13.2191,
47.9250

■ 78.5033, -13.2191,
47.9250

■ 78.2057, -12.8586,
47.9649

■ 79.2111, -13.9182,
47.4983

■ 79.9732, -14.3138,
46.2900

■ 80.7992, -14.3647,
44.1883

■ 81.6947, -14.0397,
41.1160

■ 82.6637, -13.3166,
37.0202

■ 83.7094, -12.1807,
31.8668

■ 84.8340, -10.6230,
25.6379

■ 86.0388, -8.6400,
18.3286

■ 87.3246, -6.2323,
9.9452

Harmonies

Analogous

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



78.5052, 28.7490, 46.3679



78.5033, -13.2191, 47.9250



78.5052, -45.5333, 43.3853

Triad

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



78.5052, -13.2222, 47.9255



78.5052, -57.1778, -54.1631



78.5052, 80.7140, -30.6932

Complementary

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



78.5033, -13.2191, 47.9250



25.6822, 56.4883, -152.6332

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.



78.5052, 47.9950, -80.8188



78.5033, -13.2191, 47.9250



78.5052, -32.4645, -98.4916

Square

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



78.5052, -13.2222, 47.9255



78.5052, -67.3735, -5.0357



78.5052, 5.2636, -110.1404



78.5052, 88.7418, 12.5657

Rectangle

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



78.5033, -13.2191, 47.9250



78.5052, -59.1945, 34.8946



78.5052, 5.2636, -110.1404



78.5052, 71.9578, -47.8290

Sweetspot

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



78.5052, -13.2222, 47.9255



95.8471, -12.7487, 31.7784



41.0060, 69.1115, 24.5197



44.0910, -6.2423, 16.0888

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



78.5052, -13.2222, 47.9255



88.7436, -14.5283, 54.4290



78.2014, -48.4016, 47.1216



40.7176, -3.3820, 6.2402



59.5061, -9.8920, 36.4942



16.3800, -3.0031, 10.0407

Inverse Universe

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



25.6822, 56.4883, -152.6332



28.0150, 67.9830, -181.7721



28.9351, 66.9765, -131.3956



37.5481, -0.6349, -2.3667



19.0163, 44.4156, -119.6492



5.8358, 9.6174, -28.0555

Previews

White Background



This preview shows how the HunterLab color 78.5033, -13.2191, 47.9250 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 78.5033, -13.2191, 47.9250 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 78.5033, -13.2191, 47.9250 Background



This preview shows how black text looks on a background with the HunterLab color 78.5033, -13.2191, 47.9250.



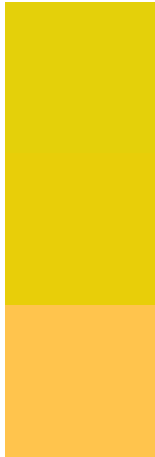
This preview shows how white text looks on a background with the HunterLab color 78.5033, -13.2191, 47.9250.

-13.2191, 47.9250.

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

78.5033, -13.2191, 47.9250

Protanopia

78.3059, -10.7514, 47.8678

Deuteranopia

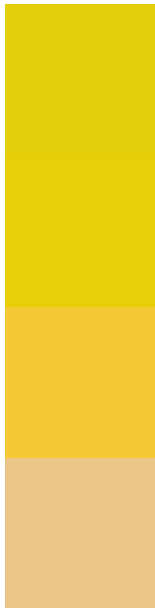
78.2788, 5.1200, 43.0067



Tritanopia

78.2427, 14.5355, 3.2477

Trichromacy



Original Color

78.5033, -13.2191, 47.9250

Protanomaly

78.5075, -11.6154, 47.9774

Deuteranomaly

78.0885, -1.8958, 45.5272

Tritanomaly

77.4588, 0.9400, 29.9171

Monochromacy



Original Color

78.5033, -13.2191, 47.9250

Achromatopsia

72.1800, -3.8513, 3.9217

Achromatomaly

73.6550, -11.1892, 29.5719

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 78.5033, -13.2191, 47.9250 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(228, 208, 10)` looks like.

```
.text, #text, p{  
    color:rgb(228, 208, 10)  
}
```

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(228, 208, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 208, 10) }
```

Border

The CSS property to change the border of an element to HunterLab 78.5033, -13.2191, 47.9250 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(228, 208, 10) }
```


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

```
.border{ border-color:rgb(228, 208, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 208, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 208, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 208, 10);  
box-shadow:4px 4px 4px 4px rgb(228, 208,  
10) }
```

Background

The CSS property to change the background color of an element to HunterLab 78.5033, -13.2191, 47.9250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 208, 10) }
```

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

```
.background{ background-color: rgb(228,  
208, 10) }
```

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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