

Converting Colors

HunterLab(77.5134, -12.2564,
47.3494)

Have a look what the booklet for
HunterLab(77.5134, -12.2564,
47.3494) contains.

HunterLab(77.4682, -12.1599, 47.3249)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(77.4682,
-12.1599, 47.3249)**

Conversions

Conversions Part 1

Format	Color
Hex	E3CD09
RGB	227, 205, 9
RGB Percent	89%, 80%, 4%
CMY	0.1098, 0.1961, 0.9646
CMYK	0.00, 0.10, 0.96, 0.11
HSL	54°, 92%, 46%
HSV	54°, 96%, 89%
XYZ	53.5591, 60.0132, 9.0192
YIQ	189.2340, 76.0280, -56.2920

Conversions

Conversions Part 2

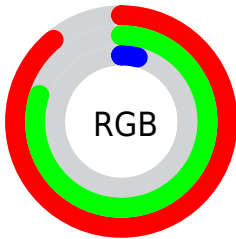
Format	Color
R_{YB}	33, 227, 9
Decimal	14929161
CIE _{Lab}	81.85, -8.76, 81.51
CIE _{LCh}	82, 81.984, 96.137
Yxy	60.0161, 0.4369, 0.4895
Android (android.graphics.Color)	4293119241 (0xFFE3CD09)
YUV	189.2340, -88.8554, 33.1208
Hunter-Lab	77.4682, -12.1599, 47.3249

Details

The HunterLab color **77.4682, -12.1599, 47.3249** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **25.6614, 55.7343, -151.1198**, and the grayscale version is **71.7771, -3.8298, 3.8998**.

A 20% lighter version of the original color is **96.6874, -23.7971, 53.5002**, and **55.0897, -8.9127, 33.7900** is the 20% darker color. If you saturate the color by 10%, you get **77.1764, -11.7962, 47.3492**, and if you desaturate by 10%, it is **78.2323, -12.9666, 46.9586**.

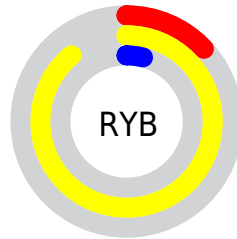
Distribution



Red (89%)

Green (80%)

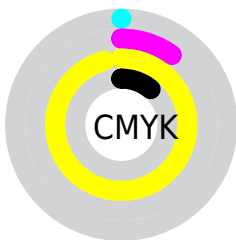
Blue (4%)



Red (13%)

Yellow (89%)

Blue (4%)

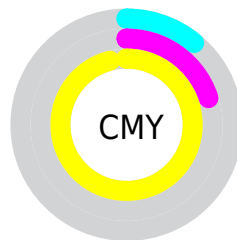


Cyan (0%)

Magenta (10%)

Yellow (96%)

Black (11%)



Cyan (11%)

Magenta (20%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.4682, -12.1599, 47.3249 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 77.4682, -12.1599, 47.3249 by changing the saturation by 10% instead.

■ 77.4682, -12.1599,
47.3249

■ 77.4682, -12.1599,
47.3249

206.0721,
-22.2379, 88.5046

■ 65.9027, -11.1059,
41.9417

■ 102.3978,
-14.3078, 57.4842

■ 54.9763, -10.0561,
36.3345

■ 115.7040,
-15.3984, 62.2982

■ 44.7310, -9.0101,
30.5817

■ 129.5414,
-16.5023, 66.9603

■ 35.2155, -7.9626,
24.6508

■ 143.8903,
-17.6201, 71.4869

■ 26.4907, -6.9050,
18.5435

■ 158.7330,
-18.7524, 75.8926

■ 18.6363, -5.8228,
13.0454

■ 174.0537,

■ 11.7619, -4.6883,

-19.8993, 80.1903

8.2334

189.8378,
-21.0611, 84.3910

■ 4.5218, -7.9132,
3.1653

0.0000, NaN, NaN

■ 77.4682, -12.1599,
47.3249

■ 77.4682, -12.1599,
47.3249

■ 77.1764, -11.7962,
47.3492

■ 78.2323, -12.9666,
46.9586

■ 79.0509, -13.4723,
45.8181

■ 79.9336, -13.6355,
43.7912

■ 80.8860, -13.4253,
40.8018

■ 81.9119, -12.8201,
36.7986

■ 83.0143, -11.8054,
31.7495

■ 84.1952, -10.3729,
25.6381

■ 85.4558, -8.5196,
18.4612

■ 86.7969, -6.2466,
10.2268

Harmonies

Analogous

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



77.4701, 29.3727, 45.6529



77.4682, -12.1599, 47.3249



77.4701, -44.3552, 43.0149

Triad

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



77.4701, -12.1630, 47.3254



77.4701, -56.8302, -52.2817



77.4701, 79.1580, -31.4594

Complementary

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



77.4682, -12.1599, 47.3249



25.6614, 55.7343, -151.1198

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.



77.4701, 46.4429, -80.8033



77.4682, -12.1599, 47.3249



77.4701, -32.7713, -96.4887

Square

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



77.4701, -12.1630, 47.3254



77.4701, -66.5665, -3.9901



77.4701, 4.2280, -108.9496



77.4701, 87.7496, 11.6140

Rectangle

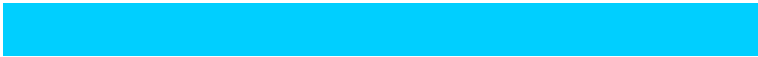
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.4682, -12.1599, 47.3249



77.4701, -58.0638, 34.8364



77.4701, 4.2280, -108.9496



77.4701, 70.3354, -48.4056

Sweetspot

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



77.4701, -12.1630, 47.3254



95.6294, -12.4039, 31.5887



40.7980, 68.9234, 24.0966



43.9755, -6.0603, 15.9919

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.4701, -12.1630, 47.3254



88.0051, -13.3783, 53.9941



77.9978, -47.4208, 47.0348



40.6885, -3.3346, 6.2097



59.0221, -9.1395, 36.2091



16.2679, -2.8308, 9.9746

Inverse Universe

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



25.6614, 55.7343, -151.1198



28.1901, 67.2612, -180.4327



28.3676, 66.3557, -133.2480



37.5764, -0.6830, -2.3309



19.1505, 43.8750, -118.6499



5.9222, 9.3301, -27.5432

Previews

White Background



This preview shows how the HunterLab color 77.4682, -12.1599, 47.3249 looks on a white background.

Color Contrast Check

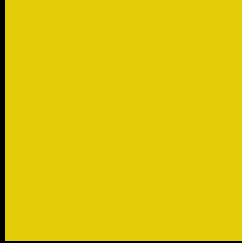
Large Text (above 18pt) WCAG AA × Fail

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 77.4682, -12.1599, 47.3249 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 77.4682, -12.1599, 47.3249 Background



This preview shows how black text looks on a background with the HunterLab color 77.4682, -12.1599, 47.3249.



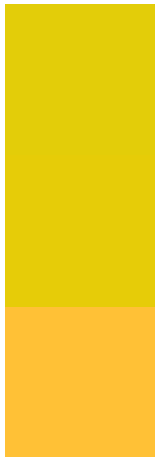
This preview shows how white text looks on a background with the HunterLab color 77.4682,

-12.1599, 47.3249.

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

77.4682, -12.1599, 47.3249

Protanopia

77.4766, -10.5507, 47.3802

Deuteranopia

77.2439, 5.7297, 45.0188



Tritanopia

77.4726, 14.7542, 3.7945

Trichromacy



Original Color

77.4682, -12.1599, 47.3249

Protanomaly

77.3701, -10.9304, 47.3077

Deuteranomaly

77.1265, -0.8014, 46.1013

Tritanomaly

76.7224, 1.3840, 29.8706

Monochromacy



Original Color

77.4682, -12.1599, 47.3249

Achromatopsia

71.3359, -3.8063, 3.8758

Achromatomaly

72.9260, -10.6655, 29.2467

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.4682, -12.1599, 47.3249 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, 205, 9)` looks like.

```
.text, #text, p{  
    color:rgb(227, 205, 9)  
}
```

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, 205, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 205, 9) }
```

Border

The CSS property to change the border of an element to HunterLab 77.4682, -12.1599, 47.3249 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, 205, 9) }
```


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

```
.border{ border-color:rgb(227, 205, 9) }
```

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

Here you see how a box with a 4 pixel rgb(227, 205, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 205, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 205, 9);  
box-shadow:4px 4px 4px 4px rgb(227, 205,  
9) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.4682, -12.1599, 47.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 205, 9) }
```

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

```
.background{ background-color: rgb(227,  
205, 9) }
```

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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