

Converting Colors

HunterLab(80.3435, -13.1006,
46.1232)

Have a look what the booklet for
HunterLab(80.3435, -13.1006,
46.1232) contains.

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Color

**HunterLab(80.2509,
-12.9570, 46.0650)**

Conversions

Conversions Part 1

Format	Color
Hex	E7D43C
RGB	231, 212, 60
RGB Percent	91%, 83%, 24%
CMY	0.0941, 0.1686, 0.7647
CMYK	0.00, 0.08, 0.74, 0.09
HSL	53°, 78%, 57%
HSV	53°, 74%, 91%
XYZ	57.3140, 64.4021, 13.6851
YIQ	200.3530, 60.1160, -43.2440

Conversions

Conversions Part 2

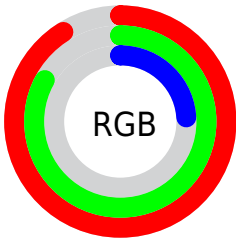
Format	Color
R_{YB}	81, 231, 60
Decimal	15193148
CIE _{Lab}	84.18, -9.37, 72.53
CIE _{LCh}	84, 73.135, 97.362
Yxy	64.4051, 0.4233, 0.4756
Android (android.graphics.Color)	4293383228 (0xFFE7D43C)
YUV	200.3530, -69.1940, 26.8774
Hunter-Lab	80.2509, -12.9570, 46.0650

Details

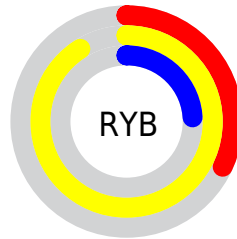
The HunterLab color **80.2509, -12.9570, 46.0650** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **35.1028, 35.6102, -105.4386**, and the grayscale version is **76.4182, -4.0775, 4.1519**.

A 20% lighter version of the original color is **96.9990, -22.0333, 48.9081**, and **57.5427, -10.6740, 35.2707** is the 20% darker color. If you saturate the color by 10%, you get **79.3341, -12.3955, 47.3661**, and if you desaturate by 10%, it is **81.2392, -13.1664, 43.8405**.

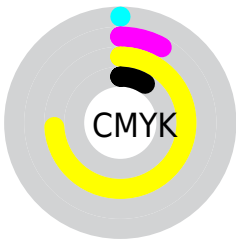
Distribution



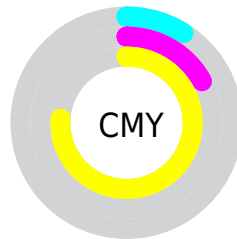
- Red (91%)
- Green (83%)
- Blue (24%)



- Red (32%)
- Yellow (91%)
- Blue (24%)



- Cyan (0%)
- Magenta (8%)
- Yellow (74%)
- Black (9%)



- Cyan (9%)
- Magenta (17%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.2509, -12.9570, 46.0650 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 80.2509, -12.9570, 46.0650 by changing the saturation by 10% instead.

80.2509, -12.9570,
46.0650

80.2509, -12.9570,
46.0650

209.9169,
-23.2868, 82.9310

68.5411, -11.8703,
41.2605

105.4486,
-15.1669, 55.1241

57.4621, -10.7866,
36.2403

118.8805,
-16.2869, 59.4206

47.0542, -9.7052,
30.9861

132.8387,
-17.4194, 63.5868

37.3638, -8.6210,
25.7515

147.3041,
-18.5651, 67.6379

28.4486, -7.5253,
19.9140

162.2595,
-19.7243, 71.5872

20.3830, -6.4043,
14.2681

177.6894,

13.2682, -5.2319,

-20.8975, 75.4462

9.2877

193.5795,
-22.0850, 79.2246

■ 6.7995, -6.3685,
4.7597

0.0000, NaN, NaN

■ 80.2509, -12.9570,
46.0650

■ 80.2509, -12.9570,
46.0650

■ 79.3341, -12.3955,
47.3661

■ 81.2392, -13.1664,
43.8405

■ 78.4760, -11.5144,
47.8463

■ 82.2985, -12.9855,
40.6207

■ 77.9838, -10.8830,
47.8627

■ 83.4343, -12.3977,
36.3602

■ 84.6492, -11.3901,
31.0323

■ 85.9448, -9.9564,
24.6256

■ 87.3223, -8.0949,
17.1416

■ 88.7818, -5.8083,
8.5924

■ 90.3233, -3.1030,
-1.0008

■ 91.4777, -2.5362,
-4.9949

Harmonies

Analogous

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



80.2528, 24.1173, 44.4642



80.2509, -12.9570, 46.0650



80.2528, -42.1028, 41.0478

Triad

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



80.2528, -12.9601, 46.0656



80.2528, -52.2047, -46.7112



80.2528, 70.0691, -25.3169

Complementary

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



80.2509, -12.9570, 46.0650



35.1028, 35.6102, -105.4386

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.



80.2528, 42.1606, -67.5210



80.2509, -12.9570, 46.0650



80.2528, -29.2178, -83.2048

Square

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



80.2528, -12.9601, 46.0656



80.2528, -62.0198, -4.5301



80.2528, 4.7721, -92.1487



80.2528, 76.4982, 12.3518

Rectangle

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



80.2509, -12.9570, 46.0650



80.2528, -54.6312, 32.3744



80.2528, 4.7721, -92.1487



80.2528, 62.6773, -39.8499

Sweetspot

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



80.2528, -12.9601, 46.0656



96.4300, -10.7782, 26.0463



45.6066, 61.1563, 19.3181



44.4237, -5.2223, 13.0386

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.2528, -12.9601, 46.0656



88.2167, -13.3685, 53.3842



80.9478, -42.4223, 46.0052



40.6563, -3.2819, 6.1759



58.4878, -8.3026, 35.8946



16.1439, -2.6392, 9.9016

Inverse Universe

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



35.1028, 35.6102, -105.4386



31.6819, 56.1982, -156.5446



36.6108, 55.7651, -98.8970



37.6079, -0.7364, -2.2911



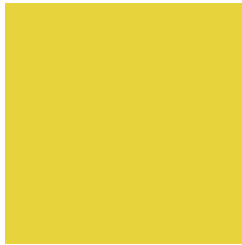
19.3098, 43.2408, -117.4801



6.0166, 9.0232, -26.9986

Previews

White Background



This preview shows how the HunterLab color 80.2509, -12.9570, 46.0650 looks on a white background.

Color Contrast Check

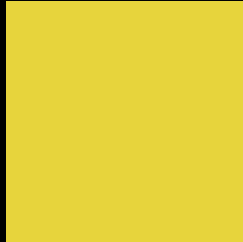
Large Text (above 18pt) WCAG AA × Fail

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 80.2509, -12.9570, 46.0650 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 80.2509, -12.9570, 46.0650 Background



This preview shows how black text looks on a background with the HunterLab color 80.2509, -12.9570, 46.0650.



This preview shows how white text looks on a background with the HunterLab color 80.2509,

-12.9570, 46.0650.

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

80.2509, -12.9570, 46.0650

Protanopia

80.1575, -10.1059, 46.0537

Deuteranopia

80.0725, 4.4018, 38.9123



Tritanopia

80.1542, 13.7610, 3.0669

Trichromacy



Original Color

80.2509, -12.9570, 46.0650

Protanomaly

80.2541, -11.3495, 46.0953

Deuteranomaly

80.0068, -2.2980, 41.9249

Tritanomaly

79.6850, 1.7617, 25.3983

Monochromacy



Original Color

80.2509, -12.9570, 46.0650

Achromatopsia

75.9987, -4.0551, 4.1292

Achromatomaly

76.9445, -9.6553, 25.3340

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.2509, -12.9570, 46.0650 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, 212, 60)` looks like.

```
.text, #text, p{  
    color:rgb(231, 212, 60)  
}
```

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, 212, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 212, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 80.2509, -12.9570, 46.0650 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, 212, 60) }
```


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

```
.border{ border-color:rgb(231, 212, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 212, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 212, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 212, 60);  
box-shadow:4px 4px 4px 4px rgb(231, 212,  
60) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.2509, -12.9570, 46.0650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 212, 60) }
```

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

```
.background{ background-color: rgb(231,  
212, 60) }
```

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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