

Converting Colors

HunterLab(80.0237, -6.9213,
44.0273)

Have a look what the booklet for
HunterLab(80.0237, -6.9213,
44.0273) contains.

HunterLab(80.1080, -6.8718, 44.0453)	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(80.1080, -6.8718,
44.0453)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D04D
RGB	240, 208, 77
RGB Percent	94%, 82%, 30%
CMY	0.0588, 0.1843, 0.6980
CMYK	0.00, 0.13, 0.68, 0.06
HSL	48°, 84%, 62%
HSV	48°, 68%, 94%
XYZ	59.8307, 64.1729, 16.2544
YIQ	202.6340, 61.1230, -33.9570

Conversions

Conversions Part 2

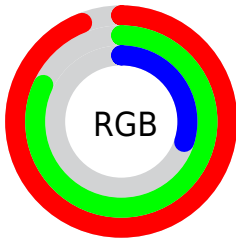
Format	Color
RYB	117, 240, 77
Decimal	15781965
CIELab	84.06, -2.76, 66.41
CIElCh	84, 66.471, 92.383
Yxy	64.1760, 0.4266, 0.4575
Android (android.graphics.Color)	4293972045 (0xFFFF0D04D)
YUV	202.6340, -61.9376, 32.7700
Hunter-Lab	80.1080, -6.8718, 44.0453

Details

The HunterLab color **80.1080, -6.8718, 44.0453** 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 **43.3657, 23.9569, -85.5683**, and the grayscale version is **77.3618, -4.1278, 4.2032**.

A 20% lighter version of the original color is **97.1833, -20.9924, 46.1984**, and **57.3012, -5.4923, 34.9451** is the 20% darker color. If you saturate the color by 10%, you get **78.5073, -5.5067, 45.7353**, and if you desaturate by 10%, it is **81.7993, -7.8381, 41.3424**.

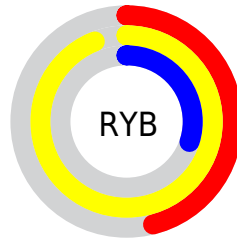
Distribution



Red (94%)

Green (82%)

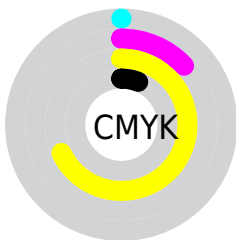
Blue (30%)



Red (46%)

Yellow (94%)

Blue (30%)

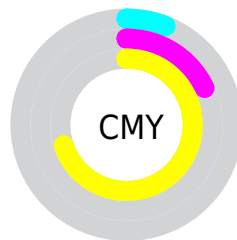


Cyan (0%)

Magenta (13%)

Yellow (68%)

Black (6%)



Cyan (6%)

Magenta (18%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.1080, -6.8718, 44.0453 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 80.1080, -6.8718, 44.0453 by changing the saturation by 10% instead.

80.1080, -6.8718,
44.0453

80.1080, -6.8718,
44.0453

209.7200,
-14.7905, 78.1782

68.4056, -6.1150,
39.6074

105.2921, -8.4708,
52.4112

57.3343, -5.3809,
34.9642

118.7176, -9.3052,
56.3816

46.9346, -4.6733,
30.0901

132.6697,
-10.1634, 60.2344

37.2531, -3.9926,
25.0148

147.1292,
-11.0446, 63.9844

28.3475, -3.3387,
19.8432

162.0788,
-11.9484, 67.6440

20.2925, -2.7108,
14.2048

177.5031,

13.1898, -2.1063,

-12.8743, 71.2236

9.2329

193.3878,
-13.8218, 74.7324

■ 6.7020, -2.1550,
4.6914

0.0000, NaN, NaN

■ 80.1080, -6.8718,
44.0453

■ 80.1080, -6.8718,
44.0453

■ 78.5073, -5.5067,
45.7353

■ 81.7993, -7.8381,
41.3424

■ 76.9870, -3.7631,
46.4778

■ 83.5779, -8.3778,
37.5889

■ 75.5406, -1.6982,
46.4052

■ 85.4468, -8.4849,
32.7725

■ 75.2445, -1.2482,
46.3435

■ 87.4061, -8.1569,
26.8973

■ 89.4553, -7.3970,
19.9801

■ 91.5931, -6.2124,
12.0477

■ 93.8178, -4.6139,
3.1339

■ 95.6398, -5.2799,
0.1902

■ 97.1428, -7.7558,
1.9804

Harmonies

Analogous

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



80.1099, 26.9834, 41.3039



80.1080, -6.8718, 44.0453



80.1099, -35.2341, 40.1993

Triad

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



80.1099, -6.8750, 44.0460



80.1099, -50.7410, -34.7182



80.1099, 59.3546, -28.5956

Complementary

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



80.1080, -6.8718, 44.0453



43.3657, 23.9569, -85.5683

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.



80.1099, 32.2331, -64.3320



80.1080, -6.8718, 44.0453



80.1099, -31.3783, -68.7515

Square

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



80.1099, -6.8750, 44.0460



80.1099, -57.8946, 1.8349



80.1099, -1.6490, -81.3134



80.1099, 68.6749, 6.8067

Rectangle

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



80.1080, -6.8718, 44.0453



80.1099, -48.2273, 32.9406



80.1099, -1.6490, -81.3134



80.1099, 51.8240, -41.3827

Sweetspot

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



80.1099, -6.8750, 44.0460



95.3510, -8.1379, 23.0905



49.9507, 60.4663, 14.4620



43.8256, -3.8799, 11.6703

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.1099, -6.8750, 44.0460



83.5479, -5.3163, 49.3696



85.9914, -38.3697, 47.4742



42.3096, -2.9789, 6.1903



55.8426, -1.2132, 34.3887



16.5142, -1.0317, 10.1579

Inverse Universe

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



43.3657, 23.9569, -85.5683



38.7334, 37.5741, -120.2928



40.0348, 50.1977, -96.5390



39.6623, -1.2335, -2.0734



21.6978, 38.0582, -109.2772



7.2533, 7.8816, -26.0802

Previews

White Background



This preview shows how the HunterLab color 80.1080, -6.8718, 44.0453 looks on a white background.

Color Contrast Check

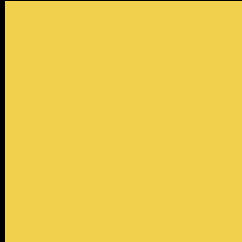
Large Text (above 18pt) WCAG AA × Fail

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 80.1080, -6.8718, 44.0453 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 80.1080, -6.8718, 44.0453 Background



This preview shows how black text looks on a background with the HunterLab color 80.1080, -6.8718, 44.0453.



This preview shows how white text looks on a background with the HunterLab color 80.1080, -6.8718,

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

80.1080, -6.8718, 44.0453

Protanopia

80.0847, -10.0850, 43.8351

Deuteranopia

80.0994, 4.5462, 38.5170



Tritanopia

80.1203, 17.8181, 4.5611

Trichromacy



Original Color

80.1080, -6.8718, 44.0453

Protanomaly

79.9899, -8.8404, 43.7921

Deuteranomaly

80.2444, 0.2065, 40.9120

Tritanomaly

79.8069, 6.9138, 23.9029

Monochromacy



Original Color

80.1080, -6.8718, 44.0453

Achromatopsia

77.2788, -4.1234, 4.1987

Achromatomaly

77.9076, -7.4916, 23.5996

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.1080, -6.8718, 44.0453 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(240, 208, 77)` looks like.

```
.text, #text, p{  
    color:rgb(240, 208, 77)  
}
```

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(240, 208, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 208, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 80.1080, -6.8718, 44.0453 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(240, 208, 77) }
```


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

```
.border{ border-color:rgb(240, 208, 77) }
```

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

Here you see how a box with a 4 pixel rgb(240, 208, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 208, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 208, 77);  
box-shadow:4px 4px 4px 4px rgb(240, 208,  
77) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.1080, -6.8718, 44.0453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 208, 77) }
```

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

```
.background{ background-color: rgb(240,  
208, 77) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor