

Converting Colors

HunterLab(80.6712, -7.6941,
41.8014)

Have a look what the booklet for
HunterLab(80.6712, -7.6941,
41.8014) contains.

HunterLab(80.6712, -7.6903, 41.7916)	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(80.6712, -7.6903,
41.7916)**

Conversions

Conversions Part 1

Format	Color
Hex	EED25E
RGB	238, 210, 94
RGB Percent	93%, 82%, 37%
CMY	0.0667, 0.1764, 0.6314
CMYK	0.00, 0.12, 0.61, 0.07
HSL	48°, 81%, 65%
HSV	48°, 61%, 93%
XYZ	60.3268, 65.0784, 19.9715
YIQ	205.1480, 53.9240, -30.1400

Conversions

Conversions Part 2

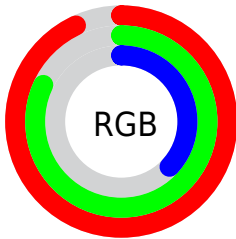
Format	Color
RYB	129, 238, 94
Decimal	15651422
CIELab	84.53, -3.60, 59.68
CIELCh	85, 59.791, 93.453
Yxy	65.0815, 0.4150, 0.4477
Android (android.graphics.Color)	4293841502 (0xFFEED25E)
YUV	205.1480, -54.7960, 28.8112
Hunter-Lab	80.6712, -7.6903, 41.7916

Details

The HunterLab color **80.6712, -7.6903, 41.7916** 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 **47.4037, 18.7433, -71.6328**, and the grayscale version is **78.4099, -4.1838, 4.2602**.

A 20% lighter version of the original color is **97.4259, -19.6255, 42.6397**, and **57.8853, -6.1829, 33.5944** is the 20% darker color. If you saturate the color by 10%, you get **79.0356, -6.6570, 44.2128**, and if you desaturate by 10%, it is **82.3981, -8.3147, 38.3390**.

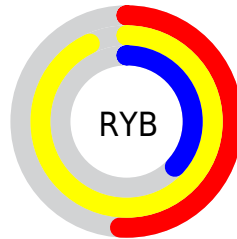
Distribution



Red (93%)

Green (82%)

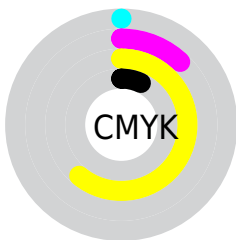
Blue (37%)



Red (51%)

Yellow (93%)

Blue (37%)

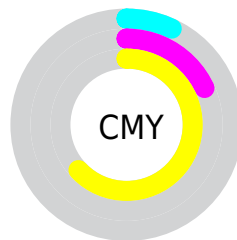


Cyan (0%)

Magenta (12%)

Yellow (61%)

Black (7%)



Cyan (7%)

Magenta (18%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.6712, -7.6903, 41.7916 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 80.6712, -7.6903, 41.7916 by changing the saturation by 10% instead.

80.6712, -7.6903,
41.7916

80.6712, -7.6903,
41.7916

210.4958,
-15.9207, 72.8832

68.9400, -6.8910,
37.7731

105.9089, -9.3679,
49.3754

57.8382, -6.1122,
33.5673

119.3595,
-10.2392, 52.9812

47.4061, -5.3569,
29.1443

133.3358,
-11.1328, 56.4856

37.6897, -4.6249,
24.4741

147.8186,
-12.0483, 59.9017

28.7463, -3.9152,
20.1224

162.7908,
-12.9852, 63.2407

20.6495, -3.2255,
14.4546

178.2370,

13.4993, -2.5507,

-13.9431, 66.5122

9.4495

194.1430,
-14.9218, 69.7240

■ 7.0783, -2.5952,
4.9548

0.0000, NaN, NaN

■ 80.6712, -7.6903,
41.7916

■ 80.6712, -7.6903,
41.7916

■ 79.0356, -6.6570,
44.2128

■ 82.3981, -8.3147,
38.3390

■ 77.4826, -5.2261,
45.6430

■ 84.2121, -8.5094,
33.8343

■ 76.0092, -3.4344,
46.1602

■ 86.1154, -8.2734,
28.2778

■ 74.6717, -1.4697,
45.9866

■ 88.1077, -7.6086,
21.6830

■ 90.1878, -6.5208,
14.0736

■ 92.3544, -5.0199,
5.4810

■ 94.4118, -4.1764,
-1.3101

■ 95.8807, -6.6123,
0.4626

■ 97.3634, -9.0352,
2.2248

Harmonies

Analogous

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



80.6731, 22.6076, 39.2583



80.6712, -7.6903, 41.7916



80.6731, -33.2271, 37.6593

Triad

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



80.6731, -7.6934, 41.7923



80.6731, -46.3482, -31.3292



80.6731, 52.8912, -23.6023

Complementary

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



80.6712, -7.6903, 41.7916



47.4037, 18.7433, -71.6328

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.



80.6731, 29.3612, -54.7633



80.6712, -7.6903, 41.7916



80.6731, -28.1019, -60.2351

Square

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



80.6731, -7.6934, 41.7923



80.6731, -53.4330, 1.0767



80.6731, -0.8675, -70.0621



80.6731, 60.3955, 7.5708

Rectangle

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



80.6712, -7.6903, 41.7916



80.6731, -44.9679, 30.3450



80.6731, -0.8675, -70.0621



80.6731, 46.4423, -34.7488

Sweetspot

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



80.6731, -7.6934, 41.7923



95.8263, -7.9838, 21.5453



52.5435, 53.5351, 12.2424



44.0348, -3.8280, 11.0209

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.6731, -7.6934, 41.7923



85.0016, -6.8124, 48.3482



85.7511, -35.4739, 44.8959



42.3158, -2.9891, 6.1969



55.9391, -1.3766, 34.4453



16.5386, -1.0721, 10.1722

Inverse Universe

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



47.4037, 18.7433, -71.6328



43.1168, 30.3164, -102.9960



44.1752, 43.0474, -80.5907



39.6561, -1.2232, -2.0811



21.6498, 38.2250, -109.5771



7.2367, 7.9283, -26.1602

Previews

White Background



This preview shows how the HunterLab color 80.6712, -7.6903, 41.7916 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 80.6712, -7.6903, 41.7916 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 80.6712, -7.6903, 41.7916 Background



This preview shows how black text looks on a background with the HunterLab color 80.6712, -7.6903, 41.7916.

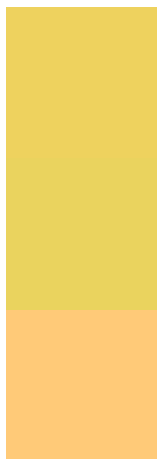


This preview shows how white text looks on a background with the HunterLab color 80.6712, -7.6903,

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

80.6712, -7.6903, 41.7916

Protanopia

80.5538, -9.6845, 41.6730

Deuteranopia

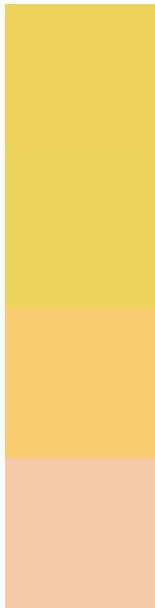
80.5339, 4.7992, 36.6267



Tritanopia

80.4320, 16.1192, 3.4402

Trichromacy



Original Color

80.6712, -7.6903, 41.7916

Protanomaly

80.6591, -9.3115, 41.7546

Deuteranomaly

80.5916, 0.2014, 38.5998

Tritanomaly

80.2349, 5.7182, 21.4379

Monochromacy



Original Color

80.6712, -7.6903, 41.7916

Achromatopsia

78.1342, -4.1690, 4.2452

Achromatomaly

78.7997, -7.1509, 21.6469

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.6712, -7.6903, 41.7916 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(238, 210, 94)` looks like.

```
.text, #text, p{  
  color:rgb(238, 210, 94)  
}
```

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(238, 210, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 210, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 80.6712, -7.6903, 41.7916 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(238, 210, 94) }
```


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

```
.border{ border-color:rgb(238, 210, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 210, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 210, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 210, 94);  
box-shadow:4px 4px 4px 4px rgb(238, 210,  
94) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.6712, -7.6903, 41.7916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 210, 94) }
```

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

```
.background{ background-color: rgb(238,  
210, 94) }
```

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