

Converting Colors

HunterLab(88.0521, -6.4259,
12.0357)

Have a look what the booklet for
HunterLab(88.0521, -6.4259,
12.0357) contains.

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Color

**HunterLab(87.8801, -6.3633,
12.0166)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E4D4
RGB	231, 228, 212
RGB Percent	91%, 89%, 83%
CMY	0.0941, 0.1059, 0.1686
CMYK	0.00, 0.01, 0.08, 0.09
HSL	51°, 28%, 87%
HSV	51°, 8%, 91%
XYZ	72.5820, 77.2291, 73.3685
YIQ	227.0730, 6.9240, -4.3400

Conversions

Conversions Part 2

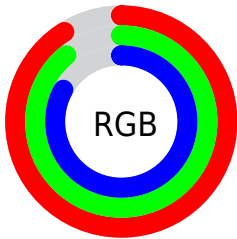
Format	Color
RYB	216, 231, 212
Decimal	15197396
CIELab	90.43, -1.72, 8.16
CIElCh	90, 8.336, 101.914
Yxy	77.2325, 0.3252, 0.3460
Android (android.graphics.Color)	4293387476 (0xFFE7E4D4)
YUV	227.0730, -7.4310, 3.4440
Hunter-Lab	87.8801, -6.3633, 12.0166

Details

The HunterLab color **87.8801, -6.3633, 12.0166** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.6839, -2.4832, -3.3059**, and the grayscale version is **87.7070, -4.6798, 4.7653**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **64.3704, -5.3086, 10.1910** is the 20% darker color. If you saturate the color by 10%, you get **86.1196, -7.9347, 19.8208**, and if you desaturate by 10%, it is **89.7263, -4.3898, 3.2251**.

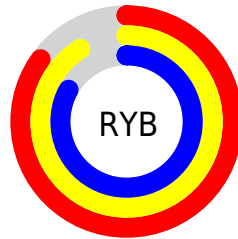
Distribution



Red (91%)

Green (89%)

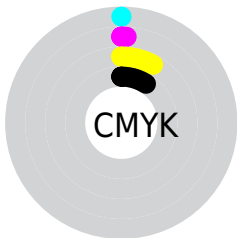
Blue (83%)



Red (85%)

Yellow (91%)

Blue (83%)

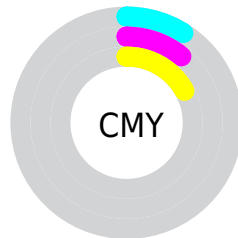


Cyan (0%)

Magenta (1%)

Yellow (8%)

Black (9%)



Cyan (9%)

Magenta (11%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.8801, -6.3633, 12.0166 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 87.8801, -6.3633, 12.0166 by changing the saturation by 10% instead.

■ 87.8801, -6.3633,
12.0166

■ 87.8801, -6.3633,
12.0166

220.3534,
-14.0443, 22.0270

■ 75.7916, -5.6387,
10.9794

113.7838, -7.9004,
14.1347

■ 64.3130, -4.9402,
9.9521

127.5471, -8.7067,
15.2149

■ 53.4806, -4.2710,
8.9336

141.8246, -9.5378,
16.3104

■ 43.3356, -3.6323,
7.9204

156.5982,
-10.3932, 17.4216

■ 33.9282, -3.0253,
6.9067

171.8520,
-11.2721, 18.5487

■ 25.3215, -2.4512,
5.8834

187.5712,

■ 17.5985, -1.9109,

-12.1739, 19.6920

4.8342

203.7425,
-13.0982, 20.8514

■ 10.8748, -1.4044,
3.8679

■ 2.1781, -3.5592,
1.5246

■ 87.8801, -6.3633,
12.0166

■ 87.8801, -6.3633,
12.0166

■ 86.1196, -7.9347,
19.8208

■ 89.7263, -4.3898,
3.2251

■ 84.4398, -9.0895,
26.6081

■ 91.5379, -2.6367,
-4.9194

■ 82.8431, -9.8257,
32.3620

■ 92.6834, -4.5566,
-3.4897

■ 81.3291, -10.1434,
37.0753

■ 93.8379, -6.4683,
-2.0672

79.8968, -10.0479,
40.7540

95.0011, -8.3717,
-0.6518

78.5441, -9.5511,
43.4204

96.1728, -10.2670,
0.7564

77.2679, -8.6732,
45.1186

97.3529, -12.1541,
2.1575

76.0629, -7.4450,
45.9215

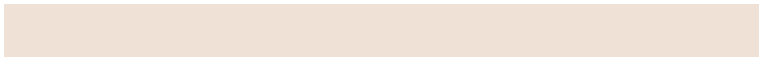
97.8413, -12.9289,
2.7324

74.9200, -5.9222,
45.9685

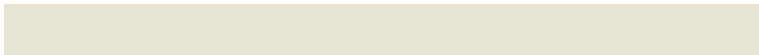
Harmonies

Analogous

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



87.8820, -2.1562, 11.8209



87.8801, -6.3633, 12.0166



87.8820, -10.0579, 10.3452

Triad

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



87.8820, -6.3656, 12.0179



87.8820, -10.6610, -0.5398



87.8820, 3.1669, 2.3492

Complementary

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



87.8801, -6.3633, 12.0166



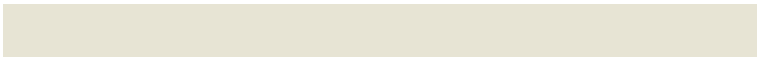
82.6839, -2.4832, -3.3059

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.



87.8820, 0.8020, -1.1669



87.8801, -6.3633, 12.0166



87.8820, -7.2030, -2.8884

Square

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



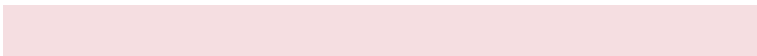
87.8820, -6.3656, 12.0179



87.8820, -12.5064, 3.1724



87.8820, -3.0096, -3.1232



87.8820, 3.4015, 6.3649

Rectangle

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



87.8801, -6.3633, 12.0166



87.8820, -11.7505, 8.3466



87.8820, -3.0096, -3.1232



87.8820, 2.5927, 1.0650

Sweetspot

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



87.8820, -6.3656, 12.0179



99.5811, -5.8003, 7.4598



83.0613, 2.4661, 5.2534



46.0803, -2.6730, 3.4053

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.8820, -6.3656, 12.0179



97.9422, -7.4763, 15.1244



88.2384, -9.9640, 12.3443



40.5090, -3.0407, 6.0209



56.0812, -4.4429, 34.4792



15.5839, -1.7563, 9.5720

Inverse Universe

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



82.6839, -2.4832, -3.3059



90.8479, -2.1725, -5.8018



82.3495, 1.0768, -3.6698



37.7521, -0.9804, -2.1093



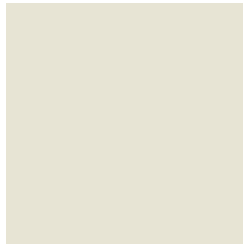
20.1787, 39.9209, -111.3994



6.4309, 7.7539, -24.7766

Previews

White Background



This preview shows how the HunterLab color 87.8801, -6.3633, 12.0166 looks on a white background.

Color Contrast Check

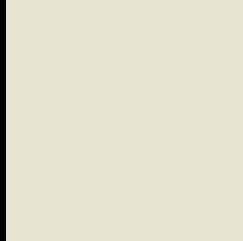
Large Text (above 18pt) WCAG AA × Fail

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 87.8801, -6.3633, 12.0166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

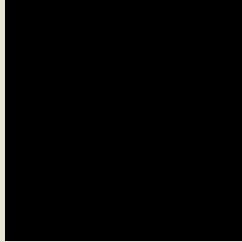
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

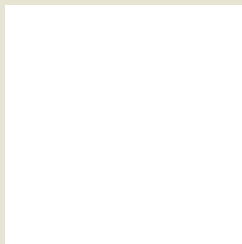
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 87.8801, -6.3633, 12.0166 Background



This preview shows how black text looks on a background with the HunterLab color 87.8801, -6.3633, 12.0166.

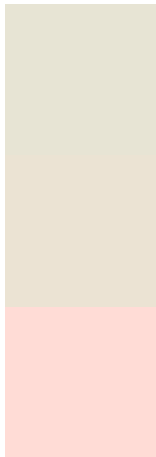


This preview shows how white text looks on a background with the HunterLab color 87.8801, -6.3633,

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

87.8801, -6.3633, 12.0166

Protanopia

87.9224, -4.6691, 12.5371

Deuteranopia

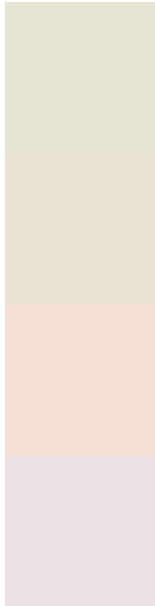
87.9212, 6.4664, 11.3886



Tritanopia

87.9343, 2.0007, -1.8911

Trichromacy



Original Color

87.8801, -6.3633, 12.0166

Protanomaly

87.8258, -5.0052, 12.4260

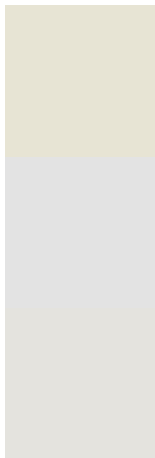
Deuteranomaly

87.8478, 1.5135, 11.6713

Tritanomaly

87.7816, -0.8242, 3.5118

Monochromacy



Original Color

87.8801, -6.3633, 12.0166

Achromatopsia

87.6442, -4.6765, 4.7619

Achromatomaly

87.5820, -5.2037, 7.0933

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.8801, -6.3633, 12.0166 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, 228, 212)` looks like.

```
.text, #text, p{  
    color:rgb(231, 228, 212)  
}
```

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, 228, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 228, 212) }
```

Border

The CSS property to change the border of an element to HunterLab 87.8801, -6.3633, 12.0166 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, 228, 212) }
```


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

```
.border{ border-color:rgb(231, 228, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 228, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 228, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 228, 212);  
box-shadow:4px 4px 4px 4px rgb(231, 228,  
212) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.8801, -6.3633, 12.0166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 228, 212) }
```

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

```
.background{ background-color: rgb(231,  
228, 212) }
```

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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