

Converting Colors

HunterLab(88.5908, 15.2156,
37.2341)

Have a look what the booklet for
HunterLab(88.5908, 15.2156,
37.2341) contains.

HunterLab(84.1796, 1.2630, 33.3091)	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(84.1796, 1.2630,
33.3091)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD590
RGB	255, 213, 144
RGB Percent	100%, 84%, 56%
CMY	0.0000, 0.1647, 0.4353
CMYK	0.00, 0.16, 0.44, 0.00
HSL	37°, 100%, 78%
HSV	37°, 44%, 100%
XYZ	70.0682, 70.8621, 36.3703
YIQ	217.6920, 47.1810, -12.5550

Conversions

Conversions Part 2

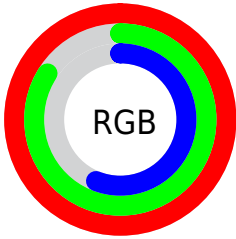
Format	Color
R _Y B	212, 255, 144
Decimal	16766352
CIE Lab	87.42, 5.91, 39.54
CIE LCh	87, 39.978, 81.499
Yxy	70.8654, 0.3952, 0.3997
Android (android.graphics.Color)	4294956432 (0xFFFFD590)
YUV	217.6920, -36.3302, 32.7191
Hunter-Lab	84.1796, 1.2630, 33.3091

Details

The HunterLab color **84.1796, 1.2630, 33.3091** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **69.4733, -0.5372, -37.9404**, and the grayscale version is **83.7379, -4.4680, 4.5496**.

A 20% lighter version of the original color is **98.4396, -13.9527, 27.8699**, and **61.0776, 1.5243, 27.8336** is the 20% darker color. If you saturate the color by 10%, you get **80.9084, 3.9769, 37.2501**, and if you desaturate by 10%, it is **87.5979, -0.9894, 28.3864**.

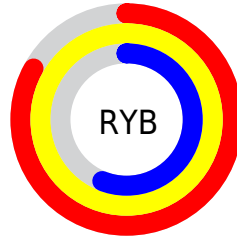
Distribution



Red (100%)

Green (84%)

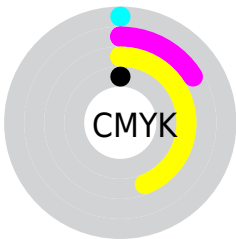
Blue (56%)



Red (83%)

Yellow (100%)

Blue (56%)

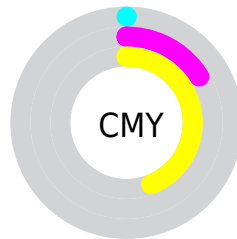


Cyan (0%)

Magenta (16%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.1796, 1.2630, 33.3091 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 84.1796, 1.2630, 33.3091 by changing the saturation by 10% instead.


 84.1796, 1.2630,
33.3091

 84.1796, 1.2630,
33.3091


215.3097, -3.6765,
55.5297

 72.2720, 1.6182,
30.5491

 109.7461, 0.4129,
38.5830

 60.9839, 1.9287,
27.6801


 123.3509, -0.0700,
41.1226

 50.3536, 2.1865,
24.6775


137.4756, -0.5893,
43.6114

 40.4248, 2.3859,
21.5074

152.1017, -1.1434,
46.0575

 31.2510, 2.5190,
18.1255

167.2126, -1.7305,
48.4673

 22.9003, 2.5749,
14.6299

182.7933, -2.3492,

 15.4637, 2.5374,

50.8463

10.8246

198.8298, -2.9983,
53.1992

■ 9.0631, 2.4118,
6.3441

0.0000, NaN, NaN

■ 84.1796, 1.2630,
33.3091

■ 84.1796, 1.2630,
33.3091

■ 80.9084, 3.9769,
37.2501

■ 87.5979, -0.9894,
28.3864

■ 77.7854, 7.1692,
40.1626

■ 91.1499, -2.7849,
22.5331

■ 74.8192, 10.8328,
42.0220

■ 94.8301, -4.1460,
15.8089

■ 72.0144, 14.9483,
42.8330

■ 98.6311, -5.0949,
8.2741

■ 69.3731, 19.4735, 100.0000, -5.3359,
42.6523 5.4331

■ 67.7449, 22.5623,
42.1391

Harmonies

Analogous

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



84.1816, 20.7852, 28.4629



84.1796, 1.2630, 33.3091



84.1816, -18.1209, 31.9909

Triad

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



84.1816, 1.2597, 33.3101



84.1816, -37.3481, -9.9449



84.1816, 27.7356, -21.4971

Complementary

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



84.1796, 1.2630, 33.3091



69.4733, -0.5372, -37.9404

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.



84.1816, 10.0541, -37.0159



84.1796, 1.2630, 33.3091



84.1816, -27.1066, -29.3372

Square

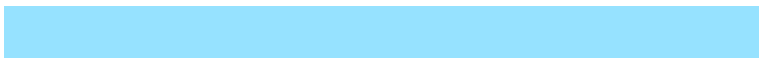
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.1816, 1.2597, 33.3101



84.1816, -39.2286, 9.8087



84.1816, -10.1016, -40.1784



84.1816, 36.9777, -1.0024

Rectangle

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



84.1796, 1.2630, 33.3091



84.1816, -28.4743, 27.6195



84.1816, -10.1016, -40.1784



84.1816, 22.5079, -27.6496

Sweetspot

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



84.1816, 1.2597, 33.3101



95.0281, -4.2063, 15.4306



66.9147, 43.3142, 0.5570



43.5830, -1.8260, 7.8631

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.1816, 1.2597, 33.3101



81.3992, 3.5309, 36.7135



96.1351, -24.4688, 42.5361



44.5739, -2.1171, 5.9548



49.2722, 15.6924, 30.6360



16.0453, 3.5660, 9.9494

Inverse Universe

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



69.4733, -0.5372, -37.9404



64.1154, 1.9252, -47.9462



58.5922, 25.1685, -59.1893



43.0162, -2.3857, -1.4463



29.0746, 21.3914, -82.5186



10.1266, 4.2660, -21.8665

Previews

White Background



This preview shows how the HunterLab color 84.1796, 1.2630, 33.3091 looks on a white background.

Color Contrast Check

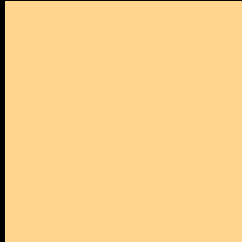
Large Text (above 18pt) WCAG AA × Fail

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 84.1796, 1.2630, 33.3091 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 84.1796, 1.2630, 33.3091 Background



This preview shows how black text looks on a background with the HunterLab color 84.1796, 1.2630, 33.3091.



This preview shows how white text looks on a background with the HunterLab color 84.1796, 1.2630,

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

84.1796, 1.2630, 33.3091

Protanopia

84.2113, -7.9387, 32.6053

Deuteranopia

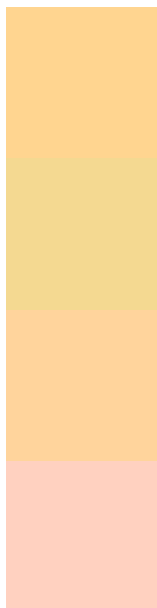
84.2563, 3.8028, 27.6020



Tritanopia

84.2616, 14.2591, 5.0146

Trichromacy



Original Color

84.1796, 1.2630, 33.3091

Protanomaly

84.2040, -4.8353, 32.9394

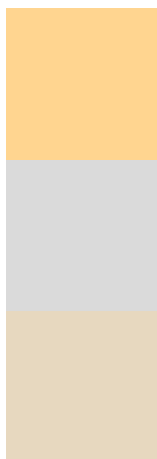
Deuteranomaly

84.1114, 3.0223, 29.7111

Tritanomaly

84.0635, 9.0750, 16.7857

Monochromacy



Original Color

84.1796, 1.2630, 33.3091

Achromatopsia

83.7318, -4.4677, 4.5493

Achromatomaly

83.5836, -3.3690, 16.4809

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.1796, 1.2630, 33.3091 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(255, 213, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 144)  
}
```

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(255, 213, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 144) }
```

Border

The CSS property to change the border of an element to HunterLab 84.1796, 1.2630, 33.3091 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(255, 213, 144) }
```


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

```
.border{ border-color:rgb(255, 213, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
144) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.1796, 1.2630, 33.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 144) }
```

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

```
.background{ background-color: rgb(255,  
213, 144) }
```

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