

# Converting Colors

HunterLab(112.6951, 52.1271,  
41.3595)

Have a look what the booklet for  
HunterLab(112.6951, 52.1271,  
41.3595) contains.

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# Color

**HunterLab(94.3299, -7.0050,  
23.2710)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF2C9
RGB	255, 242, 201
RGB Percent	100%, 95%, 79%
CMY	0.0000, 0.0510, 0.2118
CMYK	0.00, 0.05, 0.21, 0.00
HSL	46°, 100%, 89%
HSV	46°, 21%, 100%
XYZ	83.5347, 88.9813, 68.0307
YIQ	241.2130, 20.9090, -9.9950

# Conversions

## Conversions Part 2

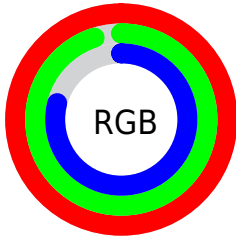
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	218, 255, 201
Decimal	16773833
CIE <sub>Lab</sub>	95.57, -1.98, 21.39
CIE <sub>LCh</sub>	96, 21.479, 95.292
Yxy	88.9852, 0.3473, 0.3699
Android (android.graphics.Color)	4294963913 (0xFFFFF2C9)
YUV	241.2130, -19.8250, 12.0912
Hunter-Lab	94.3299, -7.0050, 23.2710

# Details

The HunterLab color **94.3299, -7.0050, 23.2710** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **82.2975, -0.4713, -17.4557**, and the grayscale version is **93.9621, -5.0136, 5.1051**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **70.1642, -5.4717, 19.8134** is the 20% darker color. If you saturate the color by 10%, you get **91.8102, -7.1022, 30.0899**, and if you desaturate by 10%, it is **96.9541, -6.4625, 15.4081**.

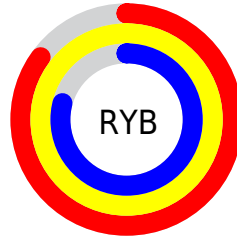
# Distribution



Red (100%)

Green (95%)

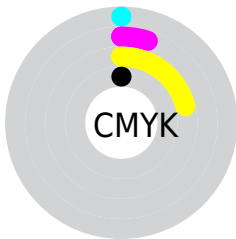
Blue (79%)



Red (85%)

Yellow (100%)

Blue (79%)

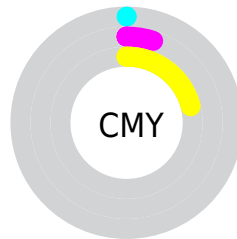


Cyan (0%)

Magenta (5%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 94.3299, -7.0050, 23.2710 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 94.3299, -7.0050, 23.2710 by changing the saturation by 10% instead.



94.3299, -7.0050,  
23.2710

94.3299, -7.0050,  
23.2710

229.0686,  
-14.8870, 38.1249

81.9386, -6.2549,  
21.5701

120.8007, -8.5923,  
26.6188

70.1412, -5.5291,  
19.8395

134.8309, -9.4221,  
28.2734

58.9715, -4.8313,  
18.0707

149.3658,  
-10.2760, 29.9204

48.4672, -4.1626,  
16.2501

164.3884,  
-11.1534, 31.5627

38.6733, -3.5239,  
14.3587

179.8834,  
-12.0537, 33.2026

29.6457, -2.9161,  
12.3682

195.8368,

21.4560, -2.3399,

-12.9765, 34.8419

10.2352

212.2358,  
-13.9211, 36.4822

■ 14.2008, -1.7953,  
8.3456

■ 7.8556, -1.5184,  
5.4989

■ 94.3299, -7.0050,  
23.2710

■ 94.3299, -7.0050,  
23.2710

■ 91.8102, -7.1022,  
30.0899

■ 96.9541, -6.4625,  
15.4081

■ 89.3912, -6.7353,  
35.8260

■ 99.6740, -5.4794,  
6.5397

■ 87.0767, -5.9018,  
40.4555

■ 100.0000, -5.3358,  
5.4332

■ 84.8676, -4.6030,  
43.9673

■ 82.7637, -2.8482,  
46.3704

■ 80.7632, -0.6579,  
47.7014

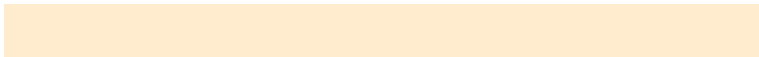
■ 78.8615, 1.9319,  
48.0380

■ 77.2548, 4.4795,  
47.6825

# Harmonies

## Analogous

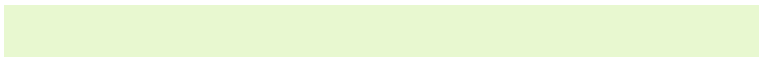
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.3320, 4.0935, 21.8500



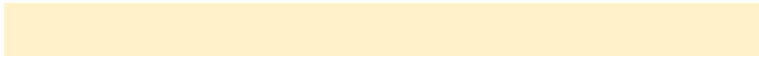
94.3299, -7.0050, 23.2710



94.3320, -17.1105, 20.3135

# Triad

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



94.3320, -7.0080, 23.2722



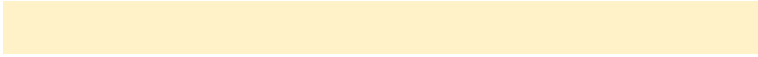
94.3320, -21.9110, -7.4272



94.3320, 15.2435, -3.7961

# Complementary

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



94.3299, -7.0050, 23.2710



82.2975, -0.4713, -17.4557

# Split Complementary

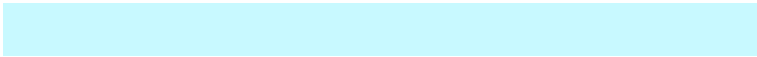
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.3320, 7.6731, -13.0789



94.3299, -7.0050, 23.2710



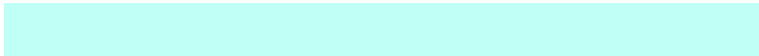
94.3320, -13.8356, -15.3400

# Square

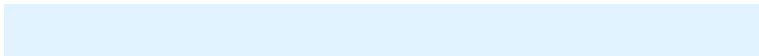
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.3320, -7.0080, 23.2722



94.3320, -25.4554, 3.2339



94.3320, -3.0525, -17.5194



94.3320, 17.2779, 6.9968

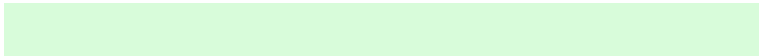


# Rectangle

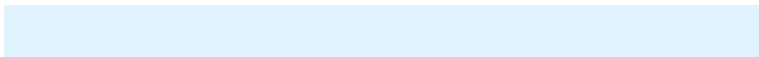
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.3299, -7.0050, 23.2710



94.3320, -22.0273, 16.0271



94.3320, -3.0525, -17.5194



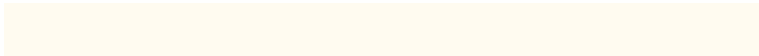
94.3320, 13.2451, -7.2345

# Sweetspot

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



94.3320, -7.0080, 23.2722



98.3498, -6.0073, 10.9406



82.4105, 16.7769, 5.0627



45.4190, -2.8088, 5.3292

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

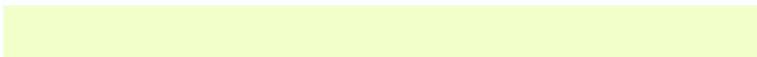
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.3320, -7.0080, 23.2722



93.3556, -7.0979, 26.0052



97.2245, -18.2184, 25.8917



45.0626, -2.9277, 6.4746



56.0622, 2.8522, 34.5952



17.9700, 0.0599, 11.0741



# Inverse Universe

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



82.2975, -0.4713, -17.4557



79.2188, 0.6463, -21.9820



79.6027, 10.5208, -21.2311



42.5292, -1.5732, -2.0517



23.9337, 35.7498, -107.0886



8.4774, 8.1994, -28.2962



# Previews

## White Background



This preview shows how the HunterLab color 94.3299, -7.0050, 23.2710 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

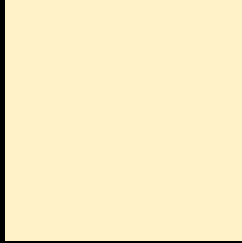
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 94.3299, -7.0050, 23.2710 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

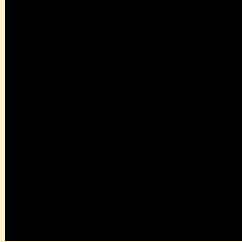
Any Text WCAG AA ✓ Pass

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 94.3299, -7.0050, 23.2710 Background



This preview shows how black text looks on a background with the HunterLab color 94.3299, -7.0050, 23.2710.



This preview shows how white text looks on a background with the HunterLab color 94.3299, -7.0050,



# 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

94.3299, -7.0050, 23.2710

### Protanopia

94.4055, -6.5897, 22.1792

### Deuteranopia

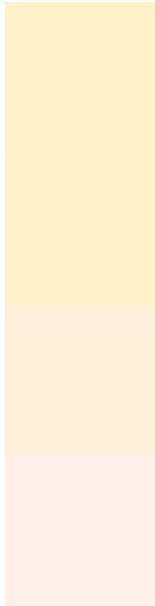
94.2139, -0.9317, 10.4610



## Tritanopia

94.1636, 3.2107, 1.6487

# Trichromacy



## Original Color

94.3299, -7.0050, 23.2710

## Protanomaly

94.3801, -6.7289, 22.5453

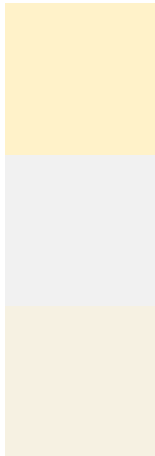
## Deuteranomaly

94.2059, -3.2003, 15.3787

## Tritanomaly

94.2439, -0.7683, 10.0303

# Monochromacy



## Original Color

94.3299, -7.0050, 23.2710

## Achromatopsia

93.7882, -5.0043, 5.0957

## Achromatomaly

93.8053, -5.8613, 12.2226

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 94.3299, -7.0050, 23.2710 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, 242, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 201)  
}
```

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, 242, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 201) }
```

## Border

The CSS property to change the border of an element to HunterLab 94.3299, -7.0050, 23.2710 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, 242, 201) }
```



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

```
.border{ border-color:rgb(255, 242, 201) }
```

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

Here you see how a box with a 4 pixel rgb(255, 242, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
201) }
```

# Background

The CSS property to change the background color of an element to HunterLab 94.3299, -7.0050, 23.2710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 201) }
```

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

```
.background{ background-color: rgb(255,  
242, 201) }
```

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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