

Converting Colors

HunterLab(42.2845, 29.7432,
-103.4947)

Have a look what the booklet for
HunterLab(42.2845, 29.7432,
-103.4947) contains.

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Color

**HunterLab(42.2096, 30.0224,
-103.9978)**

Conversions

Conversions Part 1

Format	Color
Hex	3E67FD
RGB	62, 103, 253
RGB Percent	24%, 40%, 99%
CMY	0.7568, 0.5961, 0.0078
CMYK	0.75, 0.59, 0.00, 0.01
HSL	227°, 98%, 62%
HSV	227°, 75%, 99%
XYZ	24.5665, 17.8165, 95.0727
YIQ	107.8410, -72.5860, 37.9580

Conversions

Conversions Part 2

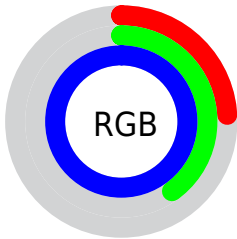
Format	Color
R _Y B	62, 96, 253
Decimal	4089853
CIE Lab	49.27, 37.15, -78.62
CIE LCh	49, 86.955, 295.292
Yxy	17.8169, 0.1787, 0.1296
Android (android.graphics.Color)	4282279933 (0xFF3E67FD)
YUV	107.8410, 71.5634, -40.2026
Hunter-Lab	42.2096, 30.0224, -103.9978

Details

The HunterLab color **42.2096, 30.0224, -103.9978** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **82.6593, -4.4492, 47.5859**, and the grayscale version is **38.4218, -2.0501, 2.0875**.

A 20% lighter version of the original color is **59.5669, 14.4165, -57.2108**, and **26.2038, 31.2105, -100.1270** is the 20% darker color. If you saturate the color by 10%, you get **36.9949, 39.4094, -125.4472**, and if you desaturate by 10%, it is **48.2360, 22.0023, -84.1172**.

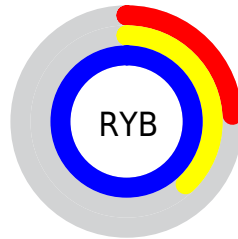
Distribution



Red (24%)

Green (40%)

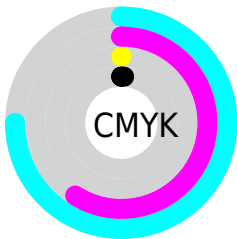
Blue (99%)



Red (24%)

Yellow (38%)

Blue (99%)

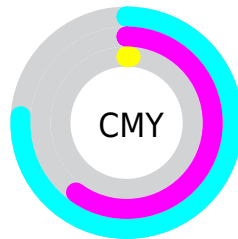


Cyan (75%)

Magenta (59%)

Yellow (0%)

Black (1%)



Cyan (76%)

Magenta (60%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.2096, 30.0224, -103.9978 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 42.2096, 30.0224, -103.9978 by changing the saturation by 10% instead.

■ 42.2096, 30.0224,
-103.9978

■ 42.2096, 30.0224,
-103.9978

154.8668, 37.9554,
-108.0500

■ 32.8917, 28.6303,
-106.0384

■ 63.0279, 32.4456,
-102.9696

■ 24.3824, 27.1066,
-110.2209

■ 74.4337, 33.4912,
-103.2341

■ 16.7680, 25.4689,
-118.7258

■ 86.4550, 34.4390,
-103.7702

■ 10.1696, 23.8130,
-137.6570

■ 99.0618, 35.2968,
-104.4798

0.0000, INF, -NF

0.0000, NaN, -NF

112.2279, 36.0717,
-105.2990

0.0000, NaN, -NF

125.9306, 36.7697,

0.0000, NaN, -NF

-106.1851

0.0000, NaN, -NF

140.1496, 37.3960,
-107.1090

■ 42.2096, 30.0224,
-103.9978

■ 42.2096, 30.0224,
-103.9978

■ 36.9949, 39.4094,
-125.4472

■ 48.2360, 22.0023,
-84.1172

■ 32.7865, 49.6866,
-146.9769

■ 54.9039, 15.3475,
-66.2526

■ 31.2371, 54.2654,
-156.1871

■ 62.0844, 9.8800,
-50.3173

■ 69.6815, 5.3846,
-36.0390

■ 77.6247, 1.6672,
-23.1183

■ 85.8615, -1.4308,
-11.2879

■ 94.3523, -4.0340,
-0.3268

99.9359, -5.6869,
6.3475

Harmonies

Analogous

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



42.2101, -7.5668, -121.5705



42.2096, 30.0224, -103.9978



42.2101, 67.3729, -51.8095

Triad

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



42.2101, 30.0244, -103.9966



42.2101, 42.5957, 28.2242



42.2101, -50.1390, 7.1597

Complementary

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



42.2096, 30.0224, -103.9978



82.6593, -4.4492, 47.5859

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.



42.2101, -44.1452, 24.7601



42.2096, 30.0224, -103.9978



42.2101, 3.3343, 29.5471

Square

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



42.2101, 30.0244, -103.9966



42.2101, 76.1176, 21.3554



42.2101, -27.0417, 28.9250



42.2101, -47.0753, -34.5768

Rectangle

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



42.2096, 30.0224, -103.9978



42.2101, 83.0806, -17.0902



42.2101, -27.0417, 28.9250



42.2101, -49.1922, 15.3938

Sweetspot

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



42.2101, 30.0244, -103.9966



80.3569, 0.8545, -20.2742



87.1837, -52.3535, 10.6171



35.8074, 0.9595, -11.4488

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.2101, 30.0244, -103.9966



34.8331, 45.4670, -138.7733



37.7631, 59.9916, -121.5837



42.4375, -1.4192, -2.1665



23.1546, 38.3114, -111.6445



8.2029, 8.9525, -29.5787

Inverse Universe

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



50.3080, 70.4917, 17.1107



47.2742, 78.6483, 22.6566



90.9537, -42.3609, 52.3314



42.4863, 1.9828, 2.5190



33.5696, 57.9668, 17.9884



10.5474, 18.3551, 4.5485

Previews

White Background



This preview shows how the HunterLab color 42.2096, 30.0224, -103.9978 looks on a white background.

Color Contrast Check

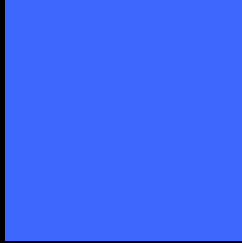
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 42.2096, 30.0224, -103.9978 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 × Fail

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

HunterLab 42.2096, 30.0224, -103.9978 Background



This preview shows how black text looks on a background with the HunterLab color 42.2096, 30.0224, -103.9978.



This preview shows how white text looks on a background with the HunterLab color 42.2096, 30.0224, -103.9978.

-103.9978.

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

42.2096, 30.0224, -103.9978

Protanopia

42.0747, 15.8014, -86.7003

Deuteranopia

41.8966, 1.2219, -55.0050



Tritanopia

41.8754, -20.2644, -8.5955

Trichromacy



Original Color

42.2096, 30.0224, -103.9978

Protanomaly

41.9410, 20.2332, -93.6711

Deuteranomaly

41.5528, 10.8060, -72.8125

Tritanomaly

41.1222, -5.5161, -37.0141

Monochromacy



Original Color

42.2096, 30.0224, -103.9978

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

38.8657, 5.0162, -27.4008

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.2096, 30.0224, -103.9978 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(62, 103, 253)` looks like.

```
.text, #text, p{  
    color:rgb(62, 103, 253)  
}
```

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(62, 103, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 103, 253) }
```

Border

The CSS property to change the border of an element to HunterLab 42.2096, 30.0224, -103.9978 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(62, 103, 253) }
```


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

```
.border{ border-color:rgb(62, 103, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 103, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 103, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 103, 253);  
box-shadow:4px 4px 4px 4px rgb(62, 103,  
253) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.2096, 30.0224, -103.9978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 103, 253) }
```

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

```
.background{ background-color: rgb(62, 103,  
253) }
```

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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