

# Converting Colors

HunterLab(36.3691, -34.3118,  
21.9295)

Have a look what the booklet for  
HunterLab(36.3691, -34.3118,  
21.9295) contains.

<b>HunterLab(36.9794, -31.7098, 22.2314)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	12
<i><b>Previews</b></i>	24
<i><b>Color Blindness Simulation</b></i>	28
<i><b>CSS Examples</b></i>	31

# Color

**HunterLab(36.9794,  
-31.7098, 22.2314)**

# Conversions

Conversions Part 1	
Format	Color
Hex	007900
RGB	0, 121, 0
RGB Percent	0%, 47%, 0%
CMY	1.0000, 0.5255, 1.0000
CMYK	1.00, 0.00, 1.00, 0.53
HSL	120°, 100%, 24%
HSV	120°, 100%, 47%
XYZ	6.8374, 13.6748, 2.2791
YIQ	71.0270, -33.2750, -63.2830

# Conversions

## Conversions Part 2

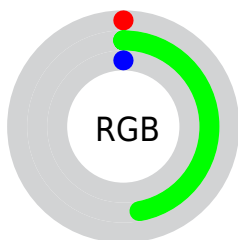
Format	Color
<a href="#">RYB</a>	<a href="#">0, 121, 121</a>
Decimal	<a href="#">30976</a>
CIELab	<a href="#">43.76, -49.65, 47.92</a>
CIELCh	<a href="#">44, 69.004, 136.017</a>
Yxy	<a href="#">13.6753, 0.3000, 0.6000</a>
Android (android.graphics.Color)	<a href="#">4278221056</a> (0xFF007900)
YUV	<a href="#">71.0270, -35.0163, -62.2907</a>
Hunter-Lab	<a href="#">36.9794, -31.7098, 22.2314</a>

# Details

The HunterLab color **36.9794, -31.7098, 22.2314** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **23.3356, 45.8778, -30.7741**, and the grayscale version is **25.2409, -1.3468, 1.3714**.

A 20% lighter version of the original color is **57.1577, -39.3662, 29.8037**, and **21.2285, -18.2034, 12.7622** is the 20% darker color. If you saturate the color by 10%, you get **36.9802, -31.7103, 22.2315**, and if you desaturate by 10%, it is **37.1228, -31.0288, 21.7706**.

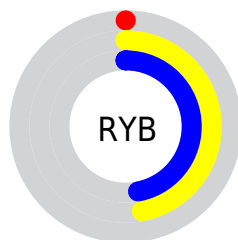
# Distribution



Red (0%)

Green (47%)

Blue (0%)



Red (0%)

Yellow (47%)

Blue (47%)

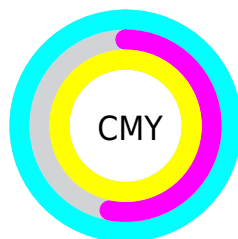


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (100%)

Magenta (53%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.9794, -31.7098, 22.2314 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 36.9794, -31.7098, 22.2314 by changing the saturation by 10% instead.





 36.9794, -31.7098,  
22.2314


 36.9794, -31.7098,  
22.2314


146.6975,  
-60.9604, 51.5310


 28.0984, -27.5335,  
18.1503


 57.0191, -39.1955,  
29.7319


 20.0698, -22.9191,  
14.0488

 68.0713, -42.6353,  
33.1903

 12.9970, -19.5010,  
9.0979

 79.7575, -45.9283,  
36.4992

 6.4549, -11.2961,  
4.5185

 92.0452, -49.1023,  
39.6838

0.0000, NaN, NaN

0.0000, NaN, NaN

 104.9061,  
-52.1780, 42.7645


0.0000, NaN, NaN


 118.3158,


0.0000, NaN, NaN


-55.1715, 45.7576


0.0000, NaN, NaN


 132.2527,  
-58.0956, 48.6761


 36.9794, -31.7098,  
22.2314


 36.9794, -31.7098,  
22.2314


 36.9802, -31.7103,  
22.2315

 37.1228, -31.0288,  
21.7706

 37.3347, -30.0218,  
21.0896

 37.6631, -28.4744,  
20.0431

 38.1186, -26.3538,  
18.6091

 38.7083, -23.6513,  
16.7820

■ 39.4361, -20.3791,  
14.5698

■ 40.3037, -16.5658,  
11.9924

■ 41.3101, -12.2531,  
9.0778

■ 42.4528, -7.4907,  
5.8599

# Harmonies

## Analogous

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



36.9802, -14.8837, 24.8628



36.9794, -31.7098, 22.2314



36.9802, -39.2845, 11.8281

# Triad

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



36.9802, -31.7103, 22.2315



36.9802, -13.3866, -81.3220



36.9802, 60.0345, 12.9518

# Complementary

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



36.9794, -31.7098, 22.2314



23.3356, 45.8778, -30.7741

# 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.



36.9802, 60.7682, -11.5530



36.9794, -31.7098, 22.2314



36.9802, 12.9898, -80.1274

# Square

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



36.9802, -31.7103, 22.2315



36.9802, -30.8789, -51.7979



36.9802, 41.7448, -49.1848



36.9802, 39.9550, 22.5652



# Rectangle

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



36.9794, -31.7098, 22.2314



36.9802, -39.9449, -3.3755



36.9802, 41.7448, -49.1848



36.9802, 62.7090, 6.6956

# Sweetspot

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



36.9802, -31.7103, 22.2315



53.8391, -22.5743, 16.3226



42.1194, -11.3129, 25.7557



25.5497, -11.6456, 8.3803



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202



# Same Dimension

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



36.9802, -31.7103, 22.2315



49.4852, -42.4334, 29.7494



37.4258, -28.9297, 15.6721



21.0950, -3.4848, 2.7504



38.2813, -32.8261, 23.0138



83.6085, -71.6942, 50.2638



# Inverse Universe

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



23.3356, 45.8778, -30.7741



31.2266, 61.3919, -41.1805



20.9683, 37.4900, 1.2915



20.1929, 1.3871, -0.5788



24.1566, 47.4922, -31.8569

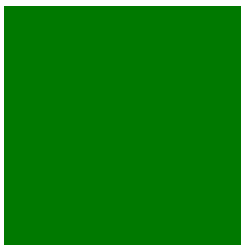


52.7594, 103.7255, -69.5768



# Previews

## White Background



This preview shows how the HunterLab color 36.9794, -31.7098, 22.2314 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

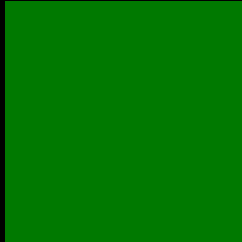
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 36.9794, -31.7098, 22.2314 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

## HunterLab 36.9794, -31.7098, 22.2314 Background



This preview shows how black text looks on a background with the HunterLab color 36.9794, -31.7098, 22.2314.



This preview shows how white text looks on a background with the HunterLab color 36.9794, -31.7098, 22.2314.

-31.7098, 22.2314.

# 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

36.9794, -31.7098, 22.2314

### Protanopia

36.9899, -5.4424, 22.6977

### Deuteranopia


36.8182, 2.2790, 21.1533




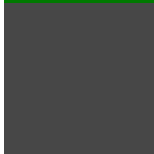

## Tritanopia

37.0098, -13.2945, -6.9241

# Trichromacy

	<b>Original Color</b> 36.9794, -31.7098, 22.2314
	<b>Protanomaly</b> 35.5073, -19.9101, 21.5309
	<b>Deuteranomaly</b> 34.9107, -15.9838, 20.3313
	<b>Tritanomaly</b> 36.2196, -23.4577, 10.1089

# Monochromacy

	<b>Original Color</b> 36.9794, -31.7098, 22.2314
	<b>Achromatopsia</b> 25.1018, -1.3394, 1.3638
	<b>Achromatomaly</b> 28.0929, -16.5783, 11.7809

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 36.9794, -31.7098, 22.2314 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(0, 121, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 121, 0)  
}
```

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(0, 121, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 121, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 36.9794, -31.7098, 22.2314 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(0, 121, 0) }
```



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

```
.border{ border-color:rgb(0, 121, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 121, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 121, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 121, 0); box-shadow:4px  
4px 4px 4px rgb(0, 121, 0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 36.9794, -31.7098, 22.2314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 121, 0) }
```

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

```
.background{ background-color: rgb(0, 121,  
0) }
```

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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