

Converting Colors

HunterLab(36.5220, -31.1469,
21.5879)

Have a look what the booklet for
HunterLab(36.5220, -31.1469,
21.5879) contains.

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Color

**HunterLab(36.6749,
-31.2781, 21.6799)**

Conversions

Conversions Part 1

Format	Color
Hex	007808
RGB	0, 120, 8
RGB Percent	0%, 47%, 3%
CMY	1.0000, 0.5294, 0.9686
CMYK	1.00, 0.00, 0.93, 0.53
HSL	124°, 100%, 24%
HSV	124°, 100%, 47%
XYZ	6.7603, 13.4505, 2.4697
YIQ	71.3520, -35.5680, -60.2720

Conversions

Conversions Part 2

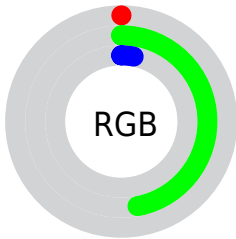
Format	Color
RYB	0, 113, 120
Decimal	30728
CIELab	43.44, -49.02, 45.86
CIELCh	43, 67.126, 136.908
Yxy	13.4510, 0.2981, 0.5930
Android (android.graphics.Color)	4278220808 (0xFF007808)
YUV	71.3520, -31.2325, -62.5757
Hunter-Lab	36.6749, -31.2781, 21.6799

Details

The HunterLab color **36.6749, -31.2781, 21.6799** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **22.7221, 44.0601, -25.2222**, and the grayscale version is **25.3437, -1.3523, 1.3770**.

A 20% lighter version of the original color is **56.8575, -38.7719, 28.9818**, and **20.9292, -17.9468, 12.5823** is the 20% darker color. If you saturate the color by 10%, you get **36.6757, -31.2786, 21.6800**, and if you desaturate by 10%, it is **36.8231, -30.5675, 21.1480**.

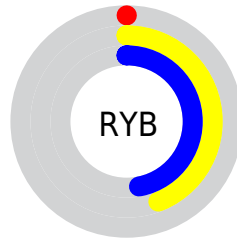
Distribution



Red (0%)

Green (47%)

Blue (3%)



Red (0%)

Yellow (44%)

Blue (47%)

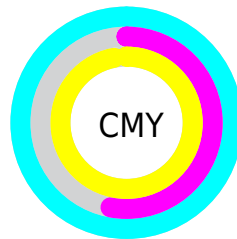


Cyan (100%)

Magenta (0%)

Yellow (93%)

Black (53%)



Cyan (100%)

Magenta (53%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.6749, -31.2781, 21.6799 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 36.6749, -31.2781, 21.6799 by changing the saturation by 10% instead.

■ 36.6749, -31.2781,
21.6799

■ 36.6749, -31.2781,
21.6799

146.2151,
-60.2449, 49.9222

■ 27.8206, -27.1418,
17.7180

■ 56.6672, -38.6898,
28.9010

■ 19.8216, -22.5693,
13.8751

■ 67.6979, -42.0954,
32.2304

■ 12.7824, -19.3384,
8.9477

■ 79.3639, -45.3560,
35.4172

■ 6.1668, -10.7919,
4.3167

■ 91.6322, -48.4990,
38.4861

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.4747,
-51.5449, 41.4568


0.0000, NaN, NaN


■ 117.8668,


0.0000, NaN, NaN


-54.5099, 44.3450


0.0000, NaN, NaN


 131.7866,
-57.4065, 47.1633


 36.6749, -31.2781,
21.6799


 36.6749, -31.2781,
21.6799


 36.6757, -31.2786,
21.6800

 36.8231, -30.5675,
21.1480

 37.0453, -29.4956,
20.3010

 37.3804, -27.9051,
19.1290

 37.8380, -25.7695,
17.6234

 38.4245, -23.0836,
15.7872

■ 39.1434, -19.8608,
13.6339

■ 39.9960, -16.1293,
11.1849

■ 40.9814, -11.9288,
8.4677

■ 42.0971, -7.3064,
5.5135

Harmonies

Analogous

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



36.6757, -15.1278, 24.4677



36.6749, -31.2781, 21.6799



36.6757, -38.4752, 11.0491

Triad

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



36.6757, -31.2786, 21.6800



36.6757, -12.3933, -78.3866



36.6757, 57.5504, 13.1143

Complementary

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



36.6749, -31.2781, 21.6799



22.7221, 44.0601, -25.2222

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.



36.6757, 58.8740, -10.1838



36.6749, -31.2781, 21.6799



36.6757, 13.3782, -76.2494

Square

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



36.6757, -31.2786, 21.6800



36.6757, -29.7492, -50.8266



36.6757, 41.0297, -46.1369



36.6757, 37.7942, 22.3122

Rectangle

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



36.6749, -31.2781, 21.6799



36.6757, -38.9800, -4.0526



36.6757, 41.0297, -46.1369



36.6757, 60.3231, 7.1634

Sweetspot

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



36.6757, -31.2786, 21.6800



52.9527, -21.7760, 15.0845



41.0833, -13.6789, 25.0759



25.5828, -11.4510, 7.8991



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.



36.6757, -31.2786, 21.6800



48.6302, -41.5334, 28.8751



37.2168, -27.9098, 13.7314



21.1043, -3.4326, 2.6167



38.3052, -32.6764, 22.6608



83.6324, -71.5441, 49.9099

Inverse Universe

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



22.7221, 44.0601, -25.2222



30.1209, 58.3872, -33.2822



20.5941, 36.4720, 3.9749



20.1820, 1.3288, -0.4243



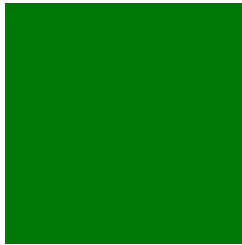
23.7307, 46.0131, -26.3212



51.7809, 100.3272, -56.8555

Previews

White Background



This preview shows how the HunterLab color 36.6749, -31.2781, 21.6799 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 36.6749, -31.2781, 21.6799 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 36.6749, -31.2781, 21.6799 Background



This preview shows how black text looks on a background with the HunterLab color 36.6749, -31.2781, 21.6799.



This preview shows how white text looks on a background with the HunterLab color 36.6749, -31.2781, 21.6799.

-31.2781, 21.6799.

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

36.6749, -31.2781, 21.6799

Protanopia

36.6244, -5.3504, 22.4741

Deuteranopia

36.4632, 2.4028, 20.8245



Tritanopia

36.9417, -13.6192, -6.5075

Trichromacy



Original Color

36.6749, -31.2781, 21.6799

Protanomaly

35.2132, -19.5032, 21.2117

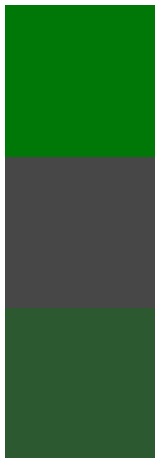
Deuteranomaly

34.5651, -15.7802, 19.8874

Tritanomaly

36.2598, -23.2138, 9.5269

Monochromacy



Original Color

36.6749, -31.2781, 21.6799

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

28.1355, -16.3224, 11.1585

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.6749, -31.2781, 21.6799 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, 120, 8)` looks like.

```
.text, #text, p{  
    color:rgb(0, 120, 8)  
}
```

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, 120, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 120, 8) }
```

Border

The CSS property to change the border of an element to HunterLab 36.6749, -31.2781, 21.6799 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, 120, 8) }
```


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

```
.border{ border-color:rgb(0, 120, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 120, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 120, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 120, 8); box-shadow:4px  
4px 4px 4px rgb(0, 120, 8) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.6749, -31.2781, 21.6799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 120, 8) }
```

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

```
.background{ background-color: rgb(0, 120,  
8) }
```

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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