

Converting Colors

HunterLab(36.2772, -31.0222,
21.6247)

Have a look what the booklet for
HunterLab(36.2772, -31.0222,
21.6247) contains.

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Color

**HunterLab(36.3351,
-31.0712, 21.6582)**

Conversions

Conversions Part 1

Format	Color
Hex	007704
RGB	0, 119, 4
RGB Percent	0%, 47%, 2%
CMY	1.0000, 0.5333, 0.9843
CMYK	1.00, 0.00, 0.97, 0.53
HSL	122°, 100%, 23%
HSV	122°, 100%, 47%
XYZ	6.6187, 13.2024, 2.3143
YIQ	70.3090, -34.0090, -60.9930

Conversions

Conversions Part 2

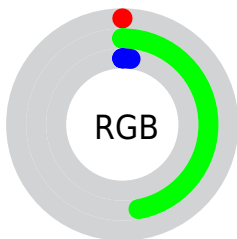
Format	Color
RYB	0, 115, 119
Decimal	30468
CIELab	43.07, -48.89, 46.44
CIELCh	43, 67.430, 136.475
Yxy	13.2029, 0.2990, 0.5964
Android (android.graphics.Color)	4278220548 (0xFF007704)
YUV	70.3090, -32.6903, -61.6610
Hunter-Lab	36.3351, -31.0712, 21.6582

Details

The HunterLab color $[36.3351, -31.0712, 21.6582]$ is a dark color, and the websafe version is hex 006600 . A complement of this color would be $[22.7153, 44.3492, -27.5600]$, and the grayscale version is $[24.9787, -1.3328, 1.3571]$.

A 20% lighter version of the original color is $[56.1103, -38.4124, 28.9333]$, and $[20.6307, -17.6908, 12.4028]$ is the 20% darker color. If you saturate the color by 10%, you get $[36.3358, -31.0718, 21.6584]$, and if you desaturate by 10%, it is $[36.4795, -30.3837, 21.1810]$.

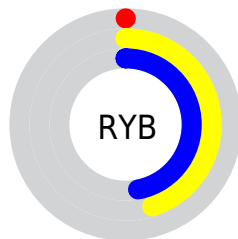
Distribution



Red (0%)

Green (47%)

Blue (2%)



Red (0%)

Yellow (45%)

Blue (47%)

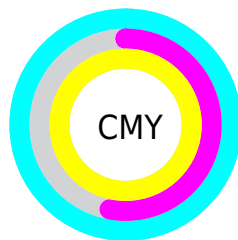


Cyan (100%)

Magenta (0%)

Yellow (97%)

Black (53%)



Cyan (100%)

Magenta (53%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.3351, -31.0712, 21.6582 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 36.3351, -31.0712, 21.6582 by changing the saturation by 10% instead.

■ 36.3351, -31.0712,
21.6582

■ 36.3351, -31.0712,
21.6582

145.6757,
-60.0149, 50.2494

■ 27.5108, -26.9321,
17.6641

■ 56.2742, -38.4822,
28.9780

■ 19.5450, -22.3524,
13.6815

■ 67.2809, -41.8857,
32.3510

■ 12.5436, -19.3688,
8.7805

■ 78.9241, -45.1436,
35.5781

■ 5.8274, -10.1979,
4.0792

■ 91.1708, -48.2834,
38.6846

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.9926,
-51.3260, 41.6904


0.0000, NaN, NaN


■ 117.3649,


0.0000, NaN, NaN


-54.2874, 44.6116


0.0000, NaN, NaN


 131.2657,
-57.1803, 47.4611


 36.3351, -31.0712,
21.6582


 36.3351, -31.0712,
21.6582


 36.3358, -31.0718,
21.6584

 36.4795, -30.3837,
21.1810

 36.6948, -29.3526,
20.4214

 37.0231, -27.7997,
19.3213

 37.4743, -25.6965,
17.8664

 38.0549, -23.0365,
16.0560

■ 38.7687, -19.8324,
13.9009

■ 39.6169, -16.1125,
11.4216

■ 40.5987, -11.9166,
8.6456

■ 41.7115, -7.2923,
5.6048

Harmonies

Analogous

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



36.3359, -14.8139, 24.3407



36.3351, -31.0712, 21.6582



36.3359, -38.3527, 11.2748

Triad

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



36.3359, -31.0717, 21.6583



36.3359, -12.7013, -78.7443



36.3359, 57.9677, 12.8656

Complementary

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



36.3351, -31.0712, 21.6582



22.7153, 44.3492, -27.5600

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.



36.3359, 58.9965, -10.6940



36.3351, -31.0712, 21.6582



36.3359, 13.0190, -77.0764

Square

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



36.3359, -31.0717, 21.6583



36.3359, -29.8941, -50.6199



36.3359, 40.8298, -46.9657



36.3359, 38.3175, 22.1382

Rectangle

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



36.3351, -31.0712, 21.6582



36.3359, -38.9250, -3.6781



36.3359, 40.8298, -46.9657



36.3359, 60.6581, 6.8493

Sweetspot

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



36.3359, -31.0717, 21.6583



52.9205, -21.9640, 15.5515



41.0383, -12.3494, 25.0713



25.5662, -11.5485, 8.1401



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.



36.3359, -31.0717, 21.6583



48.6186, -41.6062, 29.0468



36.8216, -28.0440, 14.5152



20.2485, -3.3012, 2.5631



37.4520, -32.0291, 22.3298



82.6605, -70.8017, 49.5223

Inverse Universe

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



22.7153, 44.3492, -27.5600



30.3896, 59.3223, -36.7900



20.5015, 36.4796, 2.6232



19.3802, 1.2830, -0.4675



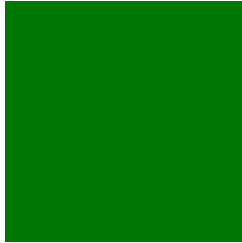
23.4127, 45.7101, -28.3990



51.6582, 100.8168, -62.3583

Previews

White Background



This preview shows how the HunterLab color 36.3351, -31.0712, 21.6582 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 36.3351, -31.0712, 21.6582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

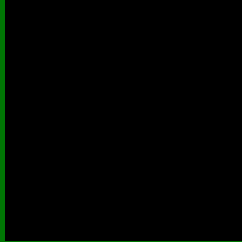
Any Text WCAG AA × Fail

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 36.3351, -31.0712, 21.6582 Background



This preview shows how black text looks on a background with the HunterLab color 36.3351, -31.0712, 21.6582.



This preview shows how white text looks on a background with the HunterLab color 36.3351,

-31.0712, 21.6582.

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

36.3351, -31.0712, 21.6582

Protanopia

36.2596, -5.2585, 22.2509

Deuteranopia

36.0964, 2.4596, 20.6803



Tritanopia

36.6102, -13.4094, -6.4530

Trichromacy



Original Color

36.3351, -31.0712, 21.6582

Protanomaly

34.8479, -19.4132, 21.0844

Deuteranomaly

34.1960, -15.7198, 19.8040

Tritanomaly

35.9051, -23.1215, 9.8177

Monochromacy



Original Color

36.3351, -31.0712, 21.6582

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

27.8111, -16.1605, 11.3438

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.3351, -31.0712, 21.6582 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, 119, 4)` looks like.

```
.text, #text, p{  
    color:rgb(0, 119, 4)  
}
```

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, 119, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 4) }
```

Border

The CSS property to change the border of an element to HunterLab 36.3351, -31.0712, 21.6582 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, 119, 4) }
```


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

```
.border{ border-color:rgb(0, 119, 4) }
```

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

Here you see how a box with a 4 pixel rgb(0, 119, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 119, 4); box-shadow:4px  
4px 4px 4px rgb(0, 119, 4) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.3351, -31.0712, 21.6582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 119, 4) }
```

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

```
.background{ background-color: rgb(0, 119,  
4) }
```

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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