

Converting Colors

HunterLab(31.0446, -21.4177,
18.7546)

Have a look what the booklet for
HunterLab(31.0446, -21.4177,
18.7546) contains.

HunterLab(30.9064, -21.2769, 18.6719)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(30.9064,
-21.2769, 18.6719)**

Conversions

Conversions Part 1

Format	Color
Hex	306300
RGB	48, 99, 0
RGB Percent	19%, 39%, 0%
CMY	0.8118, 0.6118, 1.0000
CMYK	0.52, 0.00, 1.00, 0.61
HSL	91°, 100%, 19%
HSV	91°, 100%, 39%
XYZ	5.6808, 9.5521, 1.5443
YIQ	72.4650, 1.3830, -41.6010

Conversions

Conversions Part 2

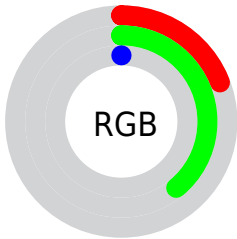
Format	Color
RYB	0, 99, 51
Decimal	3171072
CIELab	37.03, -33.07, 43.01
CIElCh	37, 54.256, 127.556
Yxy	9.5525, 0.3386, 0.5693
Android (android.graphics.Color)	4281361152 (0xFF306300)
YUV	72.4650, -35.7252, -21.4558
Hunter-Lab	30.9064, -21.2769, 18.6719

Details

The HunterLab color $[30.9064, -21.2769, 18.6719]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[12.6688, 28.8045, -46.9363]$, and the grayscale version is $[25.7450, -1.3737, 1.3988]$.

A 20% lighter version of the original color is $[49.8171, -26.6240, 25.6240]$, and $[15.3872, -13.1945, 9.2505]$ is the 20% darker color. If you saturate the color by 10%, you get $[30.9070, -21.2780, 18.6722]$, and if you desaturate by 10%, it is $[31.1535, -20.1989, 18.3017]$.

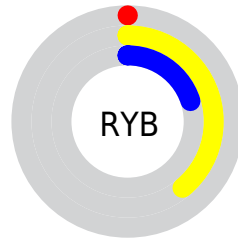
Distribution



Red (19%)

Green (39%)

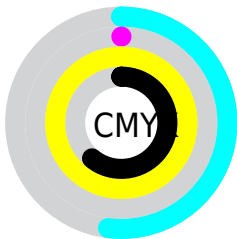
Blue (0%)



Red (0%)

Yellow (39%)

Blue (20%)

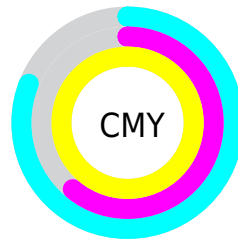


Cyan (52%)

Magenta (0%)

Yellow (100%)

Black (61%)



Cyan (81%)

Magenta (61%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.9064, -21.2769, 18.6719 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 30.9064, -21.2769, 18.6719 by changing the saturation by 10% instead.

■ 30.9064, -21.2769,
18.6719

■ 30.9064, -21.2769,
18.6719

■ 136.9114,
-42.7246, 46.1031

■ 22.5904, -18.2708,
15.1551

■ 49.9502, -26.6707,
25.7621

■ 15.1920, -14.9247,
10.6344

■ 60.5538, -29.1645,
29.0059

■ 8.8200, -15.4350,
6.1740

■ 71.8168, -31.5652,
32.0995

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 83.7026, -33.8931,
35.0709

0.0000, NaN, NaN

■ 96.1803, -36.1630,
37.9416


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 109.2228,


-38.3860, 40.7286


0.0000, NaN, NaN


 122.8068,
-40.5709, 43.4455


 30.9064, -21.2769,
18.6719


 30.9064, -21.2769,
18.6719


 30.9070, -21.2780,
18.6722

 31.1535, -20.1989,
18.3017

 31.4316, -18.9823,
17.8044

 31.7538, -17.5583,
17.0024

 32.1217, -15.9227,
15.8737

 32.5366, -14.0757,
14.4049

■ 32.9990, -12.0210,
12.5896

■ 33.5093, -9.7650,
10.4270

■ 34.0672, -7.3163,
7.9214

■ 34.6724, -4.6852,
5.0812

Harmonies

Analogous

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



30.9071, -6.4096, 20.2864



30.9064, -21.2769, 18.6719



30.9071, -29.1456, 12.4033

Triad

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



30.9071, -21.2775, 18.6720



30.9071, -14.6538, -52.4489



30.9071, 44.7603, 5.9985

Complementary

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



30.9064, -21.2769, 18.6719



12.6688, 28.8045, -46.9363

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.



30.9071, 40.9881, -15.1834



30.9064, -21.2769, 18.6719



30.9071, 3.4146, -58.3088

Square

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



30.9071, -21.2775, 18.6720



30.9071, -26.0322, -28.7463



30.9071, 24.5626, -41.8032



30.9071, 33.8718, 16.4467

Rectangle

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



30.9064, -21.2769, 18.6719



30.9071, -30.8099, 3.1588



30.9071, 24.5626, -41.8032



30.9071, 45.2040, 0.1292

Sweetspot

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



30.9071, -21.2775, 18.6720



43.8280, -13.0538, 13.9180



22.1173, 11.8597, 13.8358



21.2732, -6.7820, 7.1938



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



30.9071, -21.2775, 18.6720



40.4059, -28.1722, 24.4047



29.8733, -25.6159, 17.9590



17.0574, -2.1473, 2.3252



35.2531, -24.4318, 21.2951



81.1610, -57.7924, 48.9993

Inverse Universe

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



12.6688, 28.8045, -46.9363



16.4096, 37.5192, -62.3972



18.8514, 37.0610, -24.8629



16.0387, 0.4250, -0.6275



14.3805, 32.7928, -54.0073



32.4356, 74.8876, -128.9668

Previews

White Background



This preview shows how the HunterLab color 30.9064, -21.2769, 18.6719 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 ✓ Pass

Black 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

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

HunterLab 30.9064, -21.2769, 18.6719 Background



This preview shows how black text looks on a background with the HunterLab color 30.9064, -21.2769, 18.6719.



This preview shows how white text looks on a background with the HunterLab color 30.9064,

-21.2769, 18.6719.

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

30.9064, -21.2769, 18.6719

Protanopia

30.6807, -4.5572, 18.8255

Deuteranopia

30.5554, 1.7350, 17.5742



Tritanopia

30.9504, -7.6449, -3.6753

Trichromacy



Original Color

30.9064, -21.2769, 18.6719

Protanomaly

30.3111, -11.5314, 18.4757

Deuteranomaly

30.0578, -8.1046, 17.6285

Tritanomaly

30.6809, -14.8464, 9.5578

Monochromacy



Original Color

30.9064, -21.2769, 18.6719

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

26.9974, -10.4820, 10.7757

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.9064, -21.2769, 18.6719 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(48, 99, 0)` looks like.

```
.text, #text, p{  
    color:rgb(48, 99, 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(48, 99, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 99, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 30.9064, -21.2769, 18.6719 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(48, 99, 0) }
```


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

```
.border{ border-color:rgb(48, 99, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 99, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 99, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(48, 99, 0); box-shadow:4px  
4px 4px 4px rgb(48, 99, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.9064, -21.2769, 18.6719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 99, 0) }
```

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

```
.background{ background-color: rgb(48, 99,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor