

Converting Colors

HunterLab(31.5467, -21.6424,
20.7429)

Have a look what the booklet for
HunterLab(31.5467, -21.6424,
20.7429) contains.

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Color

**HunterLab(31.7242,
-21.0719, 19.1794)**

Conversions

Conversions Part 1

Format	Color
Hex	356500
RGB	53, 101, 0
RGB Percent	21%, 40%, 0%
CMY	0.7922, 0.6039, 1.0000
CMYK	0.48, 0.00, 1.00, 0.60
HSL	89°, 100%, 20%
HSV	89°, 100%, 40%
XYZ	6.1219, 10.0642, 1.6199
YIQ	75.1340, 3.8130, -41.5870

Conversions

Conversions Part 2

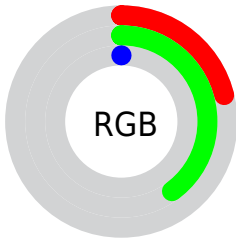
Format	Color
RYB	0, 101, 48
Decimal	3499264
CIELab	37.96, -32.15, 43.84
CIELCh	38, 54.365, 126.256
Yxy	10.0647, 0.3438, 0.5652
Android (android.graphics.Color)	4281689344 (0xFF356500)
YUV	75.1340, -37.0411, -19.4115
Hunter-Lab	31.7242, -21.0719, 19.1794

Details

The HunterLab color $[31.7242, -21.0719, 19.1794]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[12.5232, 28.9470, -50.0688]$, and the grayscale version is $[26.7014, -1.4247, 1.4507]$.

A 20% lighter version of the original color is $[50.7495, -26.2307, 26.2901]$, and $[15.9568, -13.6830, 9.5930]$ is the 20% darker color. If you saturate the color by 10%, you get $[31.7248, -21.0731, 19.1797]$, and if you desaturate by 10%, it is $[31.9742, -19.9884, 18.8143]$.

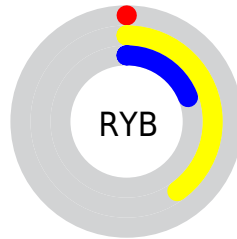
Distribution



Red (21%)

Green (40%)

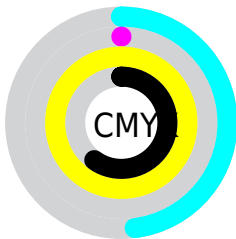
Blue (0%)



Red (0%)

Yellow (40%)

Blue (19%)

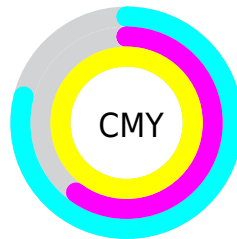


Cyan (48%)

Magenta (0%)

Yellow (100%)

Black (60%)



Cyan (79%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.7242, -21.0719, 19.1794 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 31.7242, -21.0719, 19.1794 by changing the saturation by 10% instead.

■ 31.7242, -21.0719,
19.1794

■ 31.7242, -21.0719,
19.1794

■ 138.2509,
-41.9874, 46.9560

■ 23.3278, -18.1679,
15.5539

■ 50.9088, -26.3051,
26.3498

■ 15.8391, -14.9491,
11.0874

■ 61.5755, -28.7321,
29.6341

■ 9.3863, -15.4272,
6.5704

■ 72.8980, -31.0724,
32.7677

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.8402, -33.3447,
35.7781

0.0000, NaN, NaN

■ 97.3715, -35.5629,
38.6868

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 110.4654,


-37.7375, 41.5107


0.0000, NaN, NaN


 124.0987,
-39.8769, 44.2635


 31.7242, -21.0719,
19.1794


 31.7242, -21.0719,
19.1794


 31.7248, -21.0731,
19.1797

 31.9742, -19.9884,
18.8143

 32.2532, -18.7738,
18.3113

 32.5740, -17.3605,
17.4948

 32.9382, -15.7436,
16.3417

 33.3472, -13.9223,
14.8371

■ 33.8016, -11.8992,
12.9732

■ 34.3018, -9.6795,
10.7484

■ 34.8478, -7.2707,
8.1656

■ 35.4393, -4.6819,
5.2320

Harmonies

Analogous

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



31.7249, -5.7035, 20.7174



31.7242, -21.0719, 19.1794



31.7249, -29.3786, 13.0491

Triad

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



31.7249, -21.0725, 19.1795



31.7249, -15.5067, -51.8536



31.7249, 45.2181, 5.3955

Complementary

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



31.7242, -21.0719, 19.1794



12.5232, 28.9470, -50.0688

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.



31.7249, 40.7743, -16.3990



31.7242, -21.0719, 19.1794



31.7249, 2.5241, -58.7117

Square

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



31.7249, -21.0725, 19.1795



31.7249, -26.7542, -27.6907



31.7249, 23.8550, -43.0131



31.7249, 34.8393, 16.4678

Rectangle

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



31.7242, -21.0719, 19.1794



31.7249, -31.2560, 3.9832



31.7249, 23.8550, -43.0131



31.7249, 45.4373, -0.7084

Sweetspot

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



31.7249, -21.0725, 19.1795



44.8854, -12.9378, 14.3474



21.9337, 13.6118, 13.7533



22.1649, -6.8605, 7.5693



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



31.7249, -21.0725, 19.1795



41.4923, -27.9143, 25.0787



30.5443, -26.0086, 18.3657



17.9070, -2.2175, 2.4714



36.2929, -24.2719, 21.9386



82.5674, -56.7306, 49.8845

Inverse Universe

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



12.5232, 28.9470, -50.0688



16.2206, 37.7225, -66.6038



18.7515, 37.1218, -26.7261



16.7973, 0.4116, -0.6974



14.2525, 33.0520, -57.7991



31.7491, 74.6102, -136.3722

Previews

White Background



This preview shows how the HunterLab color 31.7242, -21.0719, 19.1794 looks on a white background.

Color Contrast Check

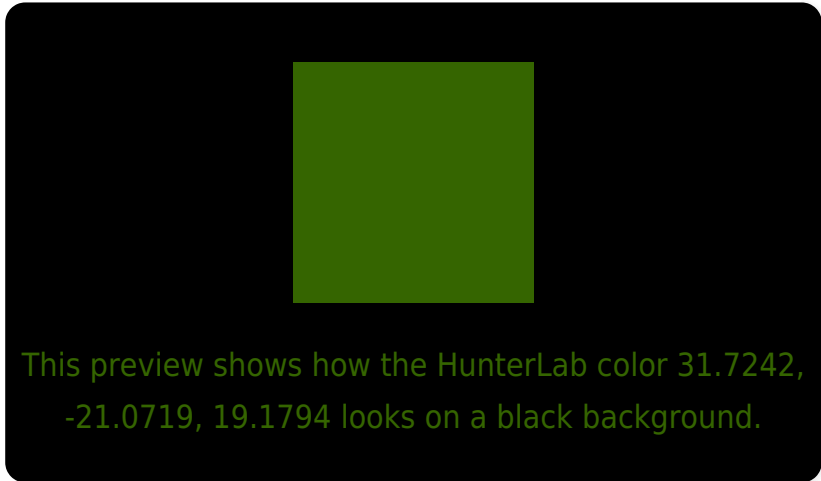
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 31.7242, -21.0719, 19.1794 Background



This preview shows how black text looks on a background with the HunterLab color 31.7242, -21.0719, 19.1794.



This preview shows how white text looks on a background with the HunterLab color 31.7242,

-21.0719, 19.1794.

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

31.7242, -21.0719, 19.1794

Protanopia

31.4825, -4.4106, 19.3221

Deuteranopia

31.6105, 1.4712, 18.2627



Tritanopia

31.7856, -7.3381, -3.5079

Trichromacy



Original Color

31.7242, -21.0719, 19.1794

Protanomaly

31.1665, -11.1828, 19.0089

Deuteranomaly

31.2016, -8.1029, 18.3609

Tritanomaly

31.4828, -14.7002, 10.0075

Monochromacy



Original Color

31.7242, -21.0719, 19.1794

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

27.8340, -10.1125, 11.0177

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.7242, -21.0719, 19.1794 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(53, 101, 0)` looks like.

```
.text, #text, p{  
    color:rgb(53, 101, 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(53, 101, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 101, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 31.7242, -21.0719, 19.1794 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(53, 101, 0) }
```


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

```
.border{ border-color:rgb(53, 101, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 101, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 101, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 101, 0);  
box-shadow:4px 4px 4px 4px rgb(53, 101, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.7242, -21.0719, 19.1794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 101, 0) }
```

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

```
.background{ background-color: rgb(53, 101,  
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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