

Converting Colors

HunterLab(21.1930, -15.3104,
12.7107)

Have a look what the booklet for
HunterLab(21.1930, -15.3104,
12.7107) contains.

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Color

**HunterLab(21.1930,
-15.3104, 12.7107)**

Conversions

Conversions Part 1

Format	Color
Hex	1B4501
RGB	27, 69, 1
RGB Percent	11%, 27%, 0%
CMY	0.8941, 0.7294, 0.9961
CMYK	0.61, 0.00, 0.99, 0.73
HSL	97°, 97%, 14%
HSV	97°, 99%, 27%
XYZ	2.5856, 4.4914, 0.7594
YIQ	48.6900, -3.2040, -30.0520

Conversions

Conversions Part 2

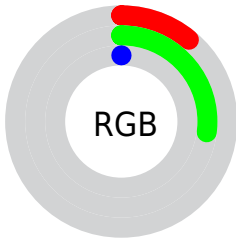
Format	Color
R_{YB}	1, 69, 43
Decimal	1787137
CIE _{Lab}	25.23, -27.36, 32.64
CIE _{LCh}	25, 42.592, 129.964
Yxy	4.4916, 0.3299, 0.5731
Android (android.graphics.Color)	4279977217 (0xFF1B4501)
YUV	48.6900, -23.5112, -19.0221
Hunter-Lab	21.1930, -15.3104, 12.7107

Details

The HunterLab color **21.1930, -15.3104, 12.7107** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **9.8239, 20.6286, -27.5666**, and the grayscale version is **17.4989, -0.9337, 0.9507**.

A 20% lighter version of the original color is **38.4252, -20.2572, 18.6666**, and **8.8536, -7.5920, 5.3226** is the 20% darker color. If you saturate the color by 10%, you get **21.1686, -15.4244, 12.7739**, and if you desaturate by 10%, it is **21.3755, -14.4887, 12.2884**.

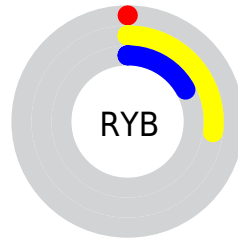
Distribution



Red (11%)

Green (27%)

Blue (0%)



Red (0%)

Yellow (27%)

Blue (17%)

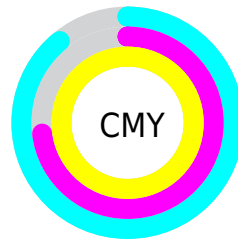


Cyan (61%)

Magenta (0%)

Yellow (99%)

Black (73%)



Cyan (89%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.1930, -15.3104, 12.7107 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 21.1930, -15.3104, 12.7107 by changing the saturation by 10% instead.

■ 21.1930, -15.3104,
12.7107

■ 21.1930, -15.3104,
12.7107

■ 120.3329,
-34.6379, 35.5556

■ 13.9721, -12.4593,
9.7805

■ 38.3536, -20.2569,
18.6855

■ 7.6123, -13.3216,
5.3286

■ 48.1224, -22.5064,
21.3904

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.6034, -24.6609,
23.9569

0.0000, NaN, NaN

■ 69.7510, -26.7442,
26.4158

0.0000, NaN, NaN

■ 81.5276, -28.7728,
28.7900


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 93.9013, -30.7589,


31.0965


0.0000, NaN, NaN


 106.8443,
-32.7116, 33.3483


 21.1930, -15.3104,
12.7107


 21.1930, -15.3104,
12.7107


 21.1686, -15.4244,
12.7739

 21.3755, -14.4887,
12.2884

 21.5799, -13.5779,
11.8382

 21.8175, -12.5157,
11.2027

 22.0901, -11.2979,
10.3629

 22.3980, -9.9272,
9.3143

■ 22.7416, -8.4082,
8.0562

■ 23.1208, -6.7476,
6.5913

■ 23.5353, -4.9533,
4.9246

■ 23.9844, -3.0341,
3.0636

Harmonies

Analogous

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



21.1935, -5.4217, 14.5307



21.1930, -15.3104, 12.7107



21.1935, -20.3600, 7.9676

Triad

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



21.1935, -15.3108, 12.7108



21.1935, -9.2812, -37.3900



21.1935, 30.8097, 4.9825

Complementary

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



21.1930, -15.3104, 12.7107



9.8239, 20.6286, -27.5666

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.



21.1935, 29.0309, -9.1190



21.1930, -15.3104, 12.7107



21.1935, 3.5286, -40.1672

Square

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



21.1935, -15.3108, 12.7108



21.1935, -17.5283, -21.4978



21.1935, 18.1580, -27.6723



21.1935, 22.5424, 11.6498

Rectangle

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



21.1930, -15.3104, 12.7107



21.1935, -21.2819, 1.1692



21.1935, 18.1580, -27.6723



21.1935, 31.4071, 1.1380

Sweetspot

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



21.1935, -15.3108, 12.7108



29.9077, -9.3563, 9.0943



17.2930, 4.0205, 10.6276



15.5124, -5.0943, 4.9329



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



21.1935, -15.3108, 12.7108



27.4383, -20.3234, 16.5516



20.6941, -17.3271, 11.7132



12.9623, -1.6497, 1.6656



30.6948, -22.8670, 18.5136



75.4493, -57.8336, 45.4790

Inverse Universe

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



9.8239, 20.6286, -27.5666



12.4149, 27.1043, -37.2750



12.7462, 24.0388, -12.3059



12.2939, 0.3328, -0.3528



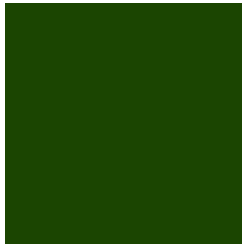
13.8391, 30.2715, -41.9999



33.3683, 73.7562, -107.2112

Previews

White Background



This preview shows how the HunterLab color 21.1930, -15.3104, 12.7107 looks on a white background.

Color Contrast Check

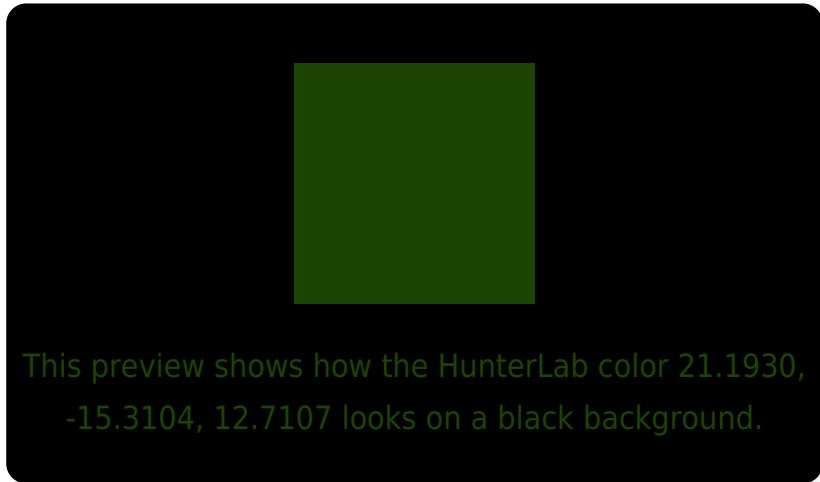
Large Text (above 18pt) WCAG AA ✓ Pass

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

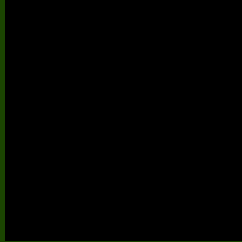
Any Text WCAG AA × Fail

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 21.1930, -15.3104, 12.7107 Background



This preview shows how black text looks on a background with the HunterLab color 21.1930, -15.3104, 12.7107.



This preview shows how white text looks on a background with the HunterLab color 21.1930,

-15.3104, 12.7107.

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

21.1930, -15.3104, 12.7107

Protanopia

21.1203, -3.1562, 12.9590

Deuteranopia

21.1041, 0.6560, 11.8485



Tritanopia

21.2333, -5.9958, -2.7424

Trichromacy



Original Color

21.1930, -15.3104, 12.7107

Protanomaly

20.7651, -8.4384, 12.6476

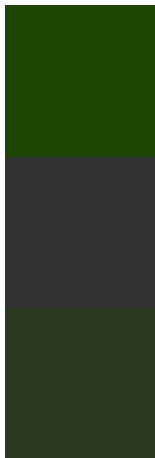
Deuteranomaly

20.6319, -6.1454, 11.8630

Tritanomaly

21.0199, -10.7780, 6.0424

Monochromacy



Original Color

21.1930, -15.3104, 12.7107

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

18.4501, -7.2364, 6.8509

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.1930, -15.3104, 12.7107 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(27, 69, 1)` looks like.

```
.text, #text, p{  
    color:rgb(27, 69, 1)  
}
```

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(27, 69, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 69, 1) }
```

Border

The CSS property to change the border of an element to HunterLab 21.1930, -15.3104, 12.7107 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(27, 69, 1) }
```


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

```
.border{ border-color:rgb(27, 69, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 69, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 69, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(27, 69, 1); box-shadow:4px  
4px 4px 4px rgb(27, 69, 1) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.1930, -15.3104, 12.7107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 69, 1) }
```

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

```
.background{ background-color: rgb(27, 69,  
1) }
```

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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