

Converting Colors

HunterLab(21.8944, -25.4348,
12.8833)

Have a look what the booklet for
HunterLab(21.8944, -25.4348,
12.8833) contains.

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Color

**HunterLab(23.0481,
-19.6958, 13.7096)**

Conversions

Conversions Part 1

Format	Color
Hex	004D02
RGB	0, 77, 2
RGB Percent	0%, 30%, 1%
CMY	1.0000, 0.6980, 0.9921
CMYK	1.00, 0.00, 0.97, 0.70
HSL	122°, 100%, 15%
HSV	122°, 100%, 30%
XYZ	2.6648, 5.3121, 0.9423
YIQ	45.4270, -21.8170, -39.6490

Conversions

Conversions Part 2

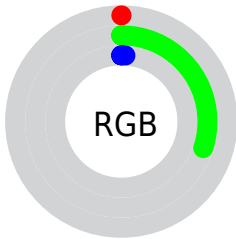
Format	Color
RYB	0, 75, 77
Decimal	19714
CIELab	27.61, -36.06, 34.12
CIELCh	28, 49.643, 136.586
Yxy	5.3124, 0.2988, 0.5956
Android (android.graphics.Color)	4278209794 (0xFF004D02)
YUV	45.4270, -21.4095, -39.8395
Hunter-Lab	23.0481, -19.6958, 13.7096

Details

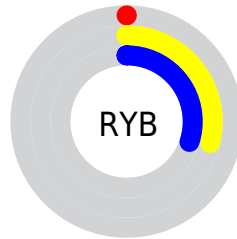
The HunterLab color **23.0481, -19.6958, 13.7096** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **14.4425, 28.2502, -17.9329**, and the grayscale version is **16.4139, -0.8758, 0.8918**.

A 20% lighter version of the original color is **40.5998, -25.9447, 19.8188**, and **10.6961, -9.1719, 6.4303** is the 20% darker color. If you saturate the color by 10%, you get **23.0486, -19.6962, 13.7097**, and if you desaturate by 10%, it is **23.1916, -19.0155, 13.2600**.

Distribution



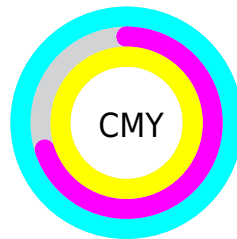
- Red (0%)
- Green (30%)
- Blue (1%)



- Red (0%)
- Yellow (29%)
- Blue (30%)



- Cyan (100%)
- Magenta (0%)
- Yellow (97%)
- Black (70%)



- Cyan (100%)
- Magenta (70%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.0481, -19.6958, 13.7096 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 23.0481, -19.6958, 13.7096 by changing the saturation by 10% instead.

■ 23.0481, -19.6958,
13.7096

■ 23.0481, -19.6958,
13.7096

■ 123.6106,
-43.5830, 37.1930

■ 15.5939, -16.0808,
10.9157

■ 40.6039, -25.9328,
19.8529

■ 9.1767, -16.0592,
6.4237

■ 50.5464, -28.7435,
22.6277

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.1893, -31.4183,
25.2641

0.0000, NaN, NaN

■ 72.4893, -33.9880,
27.7922

0.0000, NaN, NaN

■ 84.4103, -36.4749,
30.2342


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 96.9213, -38.8952,


32.6068


0.0000, NaN, NaN


 109.9959,
-41.2614, 34.9230


 23.0481, -19.6958,
13.7096


 23.0481, -19.6958,
13.7096


 23.0486, -19.6962,
13.7097

 23.1916, -19.0155,
13.2600

 23.3525, -18.2509,
12.7235

 23.5784, -17.1894,
11.9854

 23.8757, -15.8113,
11.0415

 24.2476, -14.1170,
9.8932

■ 24.6957, -12.1158,
8.5480

■ 25.2203, -9.8247,
7.0177

■ 25.8208, -7.2662,
5.3178

■ 26.4957, -4.4664,
3.4656

Harmonies

Analogous

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



23.0486, -9.4256, 16.1303



23.0481, -19.6958, 13.7096



23.0486, -24.2898, 7.0981

Triad

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



23.0486, -19.6961, 13.7097



23.0486, -7.9873, -49.7718



23.0486, 36.6142, 8.1821

Complementary

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



23.0481, -19.6958, 13.7096



14.4425, 28.2502, -17.9329

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.



23.0486, 37.3136, -6.6836



23.0481, -19.6958, 13.7096



23.0486, 8.2972, -48.6392

Square

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



23.0486, -19.6961, 13.7097



23.0486, -18.8937, -32.0668



23.0486, 25.8702, -29.5843



23.0486, 24.1620, 14.0592

Rectangle

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



23.0481, -19.6958, 13.7096



23.0486, -24.6410, -2.3886



23.0486, 25.8702, -29.5843



23.0486, 38.3302, 4.3857

Sweetspot

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



23.0486, -19.6961, 13.7097



32.7783, -13.1400, 9.3695



26.1399, -7.4216, 15.9773



16.7199, -7.0995, 5.0456



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



23.0486, -19.6961, 13.7097



30.0247, -25.6789, 17.9050



23.3660, -17.7180, 9.0426



13.6681, -2.0928, 1.6474



30.8359, -26.3745, 18.3928



75.0525, -64.2953, 44.9861

Inverse Universe

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



14.4425, 28.2502, -17.9329



18.8112, 36.7893, -23.3054



13.0874, 23.4433, 0.4641



13.1387, 0.7161, -0.2239



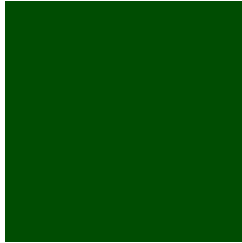
19.3192, 37.7821, -23.9300



47.0074, 91.8964, -57.9555

Previews

White Background



This preview shows how the HunterLab color 23.0481, -19.6958, 13.7096 looks on a white background.

Color Contrast Check

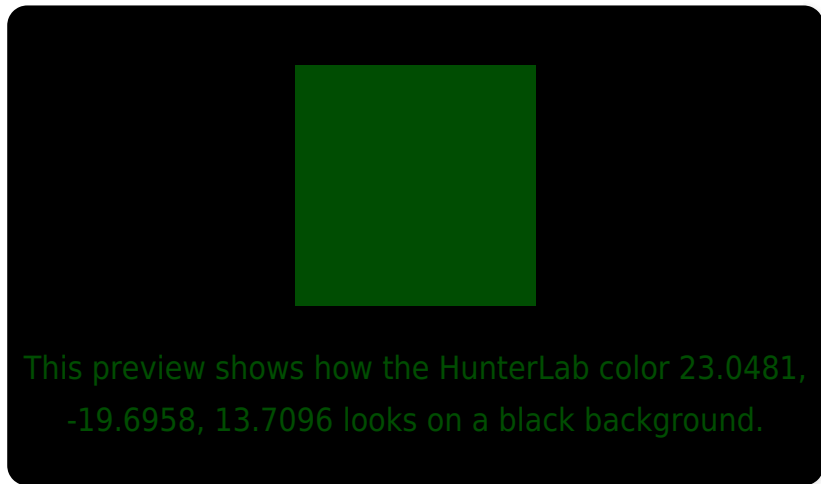
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0481, -19.6958, 13.7096 Background



This preview shows how black text looks on a background with the HunterLab color 23.0481, -19.6958, 13.7096.



This preview shows how white text looks on a background with the HunterLab color 23.0481,

-19.6958, 13.7096.

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

23.0481, -19.6958, 13.7096

Protanopia

23.1350, -3.6655, 14.1915

Deuteranopia

23.0754, 1.3210, 12.8795



Tritanopia

23.4043, -8.5240, -3.5143

Trichromacy



Original Color

23.0481, -19.6958, 13.7096

Protanomaly

22.3312, -12.1589, 13.4713

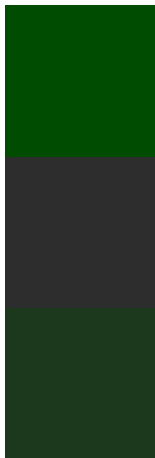
Deuteranomaly

21.9037, -9.4691, 12.3897

Tritanomaly

22.9708, -14.4545, 6.1127

Monochromacy



Original Color

23.0481, -19.6958, 13.7096

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

18.1002, -10.0624, 7.1695

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.0481, -19.6958, 13.7096 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, 77, 2)` looks like.

```
.text, #text, p{  
    color:rgb(0, 77, 2)  
}
```

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, 77, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 77, 2) }
```

Border

The CSS property to change the border of an element to HunterLab 23.0481, -19.6958, 13.7096 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, 77, 2) }
```


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

```
.border{ border-color:rgb(0, 77, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 77, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 77, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 77, 2); box-shadow:4px  
4px 4px 4px rgb(0, 77, 2) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.0481, -19.6958, 13.7096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 77, 2) }
```

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

```
.background{ background-color: rgb(0, 77,  
2) }
```

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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