

Converting Colors

HunterLab(22.8552, -20.7591,
12.9373)

Have a look what the booklet for
HunterLab(22.8552, -20.7591,
12.9373) contains.

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Color

**HunterLab(23.0909,
-19.4269, 13.0755)**

Conversions

Conversions Part 1

Format	Color
Hex	004D0B
RGB	0, 77, 11
RGB Percent	0%, 30%, 4%
CMY	1.0000, 0.6980, 0.9569
CMYK	1.00, 0.00, 0.86, 0.70
HSL	129°, 100%, 15%
HSV	129°, 100%, 30%
XYZ	2.7143, 5.3319, 1.2027
YIQ	46.4530, -24.7060, -36.8500

Conversions

Conversions Part 2

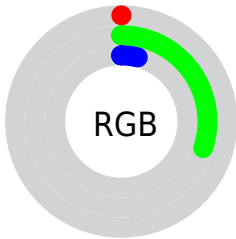
Format	Color
RYB	0, 67, 77
Decimal	19723
CIELab	27.66, -35.36, 30.73
CIELCh	28, 46.851, 139.004
Yxy	5.3321, 0.2935, 0.5765
Android (android.graphics.Color)	4278209803 (0xFF004D0B)
YUV	46.4530, -17.4783, -40.7393
Hunter-Lab	23.0909, -19.4269, 13.0755

Details

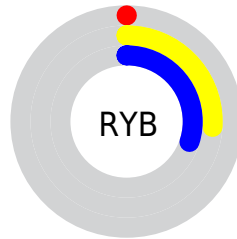
The HunterLab color **23.0909, -19.4269, 13.0755** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **14.0399, 26.8451, -12.6446**, and the grayscale version is **16.7411, -0.8933, 0.9096**.

A 20% lighter version of the original color is **40.6833, -25.4393, 18.5934**, and **10.6961, -9.1719, 6.4303** is the 20% darker color. If you saturate the color by 10%, you get **23.0914, -19.4272, 13.0756**, and if you desaturate by 10%, it is **23.2379, -18.7259, 12.5743**.

Distribution



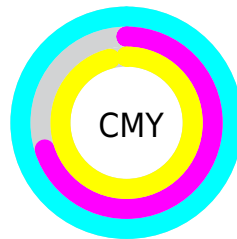
- Red (0%)
- Green (30%)
- Blue (4%)



- Red (0%)
- Yellow (26%)
- Blue (30%)



- Cyan (100%)
- Magenta (0%)
- Yellow (86%)
- Black (70%)



- Cyan (100%)
- Magenta (70%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.0909, -19.4269, 13.0755 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 23.0909, -19.4269, 13.0755 by changing the saturation by 10% instead.

■ 23.0909, -19.4269,
13.0755

■ 23.0909, -19.4269,
13.0755

■ 123.6855,
-42.9218, 34.6084

■ 15.6314, -15.8833,
10.9420

■ 40.6556, -25.5486,
18.6633

■ 9.2092, -16.1161,
6.4464

■ 50.6019, -28.3106,
21.1943

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.2485, -30.9407,
23.6059

0.0000, NaN, NaN

■ 72.5520, -33.4691,
25.9252

0.0000, NaN, NaN

■ 84.4762, -35.9173,
28.1718


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 96.9904, -38.3012,


30.3608


0.0000, NaN, NaN


 110.0679,
-40.6329, 32.5033


 23.0909, -19.4269,
13.0755


 23.0909, -19.4269,
13.0755


 23.0914, -19.4272,
13.0756

 23.2379, -18.7259,
12.5743

 23.4087, -17.9021,
11.8942

 23.6415, -16.8012,
11.0568

 23.9422, -15.4070,
10.0666

 24.3135, -13.7214,
8.9304

■ 24.7568, -11.7543,
7.6582

■ 25.2723, -9.5218,
6.2627

■ 25.8595, -7.0447,
4.7578

■ 26.5170, -4.3468,
3.1586

Harmonies

Analogous

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



23.0914, -10.0095, 15.5547



23.0909, -19.4269, 13.0755



23.0914, -23.5079, 5.9607

Triad

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



23.0914, -19.4272, 13.0756



23.0914, -6.5535, -46.1573



23.0914, 33.4536, 8.6076

Complementary

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



23.0909, -19.4269, 13.0755



14.0399, 26.8451, -12.6446

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.



23.0914, 35.0793, -4.7073



23.0909, -19.4269, 13.0755



23.0914, 9.0875, -43.5830

Square

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



23.0914, -19.4272, 13.0756



23.0914, -17.4635, -31.1634



23.0914, 25.2593, -25.4714



23.0914, 21.2662, 13.9505

Rectangle

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



23.0909, -19.4269, 13.0755



23.0914, -23.6086, -3.5370



23.0914, 25.2593, -25.4714



23.0914, 35.3532, 5.2023

Sweetspot

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



23.0914, -19.4272, 13.0756



32.8478, -12.7355, 8.3629



25.4792, -9.9063, 15.5267



16.7571, -6.8821, 4.5062



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.



23.0914, -19.4272, 13.0756



30.0690, -25.4010, 17.2497



23.5112, -16.8234, 6.9300



13.6777, -2.0391, 1.5093



30.8805, -26.0952, 17.7341



75.1162, -63.8958, 44.0440

Inverse Universe

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



14.0399, 26.8451, -12.6446



18.2696, 34.8981, -16.1854



12.8950, 22.7418, 3.2249



13.1277, 0.6572, -0.0682



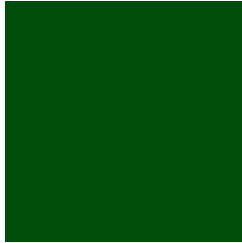
18.7614, 35.8343, -16.5965



45.5613, 86.8434, -38.9182

Previews

White Background



This preview shows how the HunterLab color 23.0909, -19.4269, 13.0755 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 23.0909, -19.4269, 13.0755 Background



This preview shows how black text looks on a background with the HunterLab color 23.0909, -19.4269, 13.0755.



This preview shows how white text looks on a background with the HunterLab color 23.0909,

-19.4269, 13.0755.

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

23.0909, -19.4269, 13.0755

Protanopia

23.1728, -3.4543, 13.6307

Deuteranopia

22.9991, 1.1074, 12.4852



Tritanopia

23.4043, -8.5240, -3.5143

Trichromacy



Original Color

23.0909, -19.4269, 13.0755

Protanomaly

22.3705, -11.9250, 12.8908

Deuteranomaly

21.8743, -9.5191, 11.8748

Tritanomaly

23.0289, -14.1029, 5.2718

Monochromacy



Original Color

23.0909, -19.4269, 13.0755

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

18.1584, -9.7150, 6.3210

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.0909, -19.4269, 13.0755 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, 11)` looks like.

```
.text, #text, p{  
    color:rgb(0, 77, 11)  
}
```

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, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 77, 11) }
```

Border

The CSS property to change the border of an element to HunterLab 23.0909, -19.4269, 13.0755 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, 11) }
```


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

```
.border{ border-color:rgb(0, 77, 11) }
```

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, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 77, 11); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 77, 11); box-shadow:4px  
4px 4px 4px rgb(0, 77, 11) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.0909, -19.4269, 13.0755 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, 11) }
```

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

```
.background{ background-color: rgb(0, 77,  
11) }
```

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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