

Converting Colors

HunterLab(38.1302, -20.9247,
23.1294)

Have a look what the booklet for
HunterLab(38.1302, -20.9247,
23.1294) contains.

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Color

**HunterLab(38.0420,
-20.8029, 23.0771)**

Conversions

Conversions Part 1

Format	Color
Hex	517500
RGB	81, 117, 0
RGB Percent	32%, 46%, 0%
CMY	0.6824, 0.5412, 1.0000
CMYK	0.31, 0.00, 1.00, 0.54
HSL	78°, 100%, 23%
HSV	78°, 100%, 46%
XYZ	9.7547, 14.4719, 2.2792
YIQ	92.8980, 16.1010, -44.0190

Conversions

Conversions Part 2

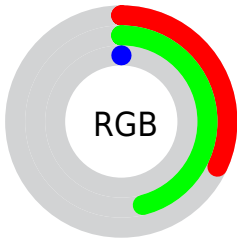
Format	Color
RYB	0, 117, 36
Decimal	5338368
CIELab	44.90, -28.41, 49.88
CIELCh	45, 57.409, 119.667
Yxy	14.4726, 0.3680, 0.5460
Android (android.graphics.Color)	4283528448 (0xFF517500)
YUV	92.8980, -45.7987, -10.4345
Hunter-Lab	38.0420, -20.8029, 23.0771

Details

The HunterLab color **38.0420, -20.8029, 23.0771** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **12.8835, 32.0294, -68.9549**, and the grayscale version is **33.2084, -1.7719, 1.8043**.

A 20% lighter version of the original color is **58.1309, -25.3037, 30.7287**, and **20.9653, -14.7757, 12.6601** is the 20% darker color. If you saturate the color by 10%, you get **38.0427, -20.8045, 23.0775**, and if you desaturate by 10%, it is **38.2906, -19.7559, 22.7245**.

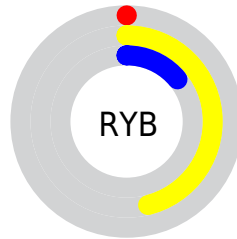
Distribution



Red (32%)

Green (46%)

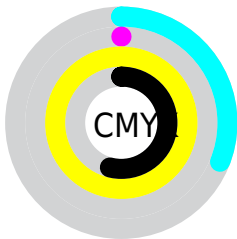
Blue (0%)



Red (0%)

Yellow (46%)

Blue (14%)

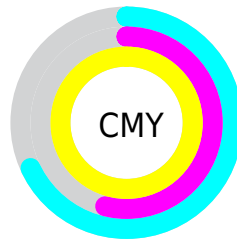


Cyan (31%)

Magenta (0%)

Yellow (100%)

Black (54%)



Cyan (68%)

Magenta (54%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.0420, -20.8029, 23.0771 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 38.0420, -20.8029, 23.0771 by changing the saturation by 10% instead.

■ 38.0420, -20.8029,
23.0771

■ 38.0420, -20.8029,
23.0771

148.3750,
-39.4954, 53.2828

■ 29.0690, -18.3392,
18.8803

■ 58.2454, -25.3522,
30.8042

■ 20.9386, -15.6749,
14.6571

■ 69.3716, -27.4987,
34.3712

■ 13.7505, -12.7056,
9.6253

■ 81.1279, -29.5862,
37.7845

■ 7.3676, -12.8933,
5.1573

■ 93.4822, -31.6275,
41.0697

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.4069,
-33.6324, 44.2471


0.0000, NaN, NaN


■ 119.8777,


0.0000, NaN, NaN


-35.6083, 47.3332


0.0000, NaN, NaN


 133.8734,
-37.5611, 50.3414


 38.0420, -20.8029,
23.0771


 38.0420, -20.8029,
23.0771


 38.0427, -20.8045,
23.0775

 38.2906, -19.7559,
22.7245

 38.5633, -18.5879,
22.1576

 38.8720, -17.2366,
21.2128

 39.2191, -15.6921,
19.8569

 39.6065, -13.9483,
18.0667

■ 40.0353, -12.0031,
15.8270

■ 40.5064, -9.8567,
13.1294

■ 41.0205, -7.5121,
9.9715

■ 41.5778, -4.9740,
6.3557

Harmonies

Analogous

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



38.0428, -1.7855, 24.3426



38.0420, -20.8029, 23.0771



38.0428, -32.1152, 17.3138

Triad

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



38.0428, -20.8038, 23.0773



38.0428, -21.1420, -51.6820



38.0428, 50.2466, 1.8359

Complementary

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



38.0420, -20.8029, 23.0771



12.8835, 32.0294, -68.9549

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.



38.0428, 41.8481, -24.4059



38.0420, -20.8029, 23.0771



38.0428, -2.2777, -64.2444

Square

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



38.0428, -20.8038, 23.0773



38.0428, -32.2769, -23.7484



38.0428, 21.2772, -52.1903



38.0428, 42.1962, 17.0997

Rectangle

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



38.0420, -20.8029, 23.0771



38.0428, -35.3700, 8.6106



38.0428, 21.2772, -52.1903



38.0428, 49.2307, -5.8861

Sweetspot

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



38.0428, -20.8038, 23.0773



54.1519, -13.4237, 17.8732



22.3393, 24.3557, 14.1912



25.8637, -6.9012, 9.1653



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



38.0428, -20.8038, 23.0773



50.8346, -28.1248, 30.8317



35.9308, -29.4730, 21.6241



20.5243, -2.3275, 2.9511



39.9204, -21.8783, 24.2157



87.8596, -49.3524, 53.2747

Inverse Universe

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



12.8835, 32.0294, -68.9549



17.0476, 42.6852, -93.5616



19.0876, 39.4148, -39.8272



19.0774, 0.2689, -0.9518



13.4938, 33.5951, -72.5706



29.1025, 73.5333, -164.8693

Previews

White Background



This preview shows how the HunterLab color 38.0420, -20.8029, 23.0771 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



This preview shows how the HunterLab color 38.0420, -20.8029, 23.0771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

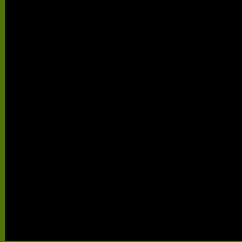
Any Text WCAG AA × Fail

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 38.0420, -20.8029, 23.0771 Background



This preview shows how black text looks on a background with the HunterLab color 38.0420, -20.8029, 23.0771.



This preview shows how white text looks on a background with the HunterLab color 38.0420,

-20.8029, 23.0771.

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

38.0420, -20.8029, 23.0771

Deuteranopia

37.9916, 2.2524, 22.2651

Tritanopia

38.0749, -5.2485, -2.8374

Trichromacy



Original Color

38.0420, -20.8029, 23.0771

Deuteranomaly

37.6722, -7.1380, 22.4346

Tritanomaly

37.6264, -13.4026, 12.7419

Monochromacy



Original Color

38.0420, -20.8029, 23.0771

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

34.5577, -10.5763, 14.0102

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.0420, -20.8029, 23.0771 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(81, 117, 0)` looks like.

```
.text, #text, p{  
    color:rgb(81, 117, 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(81, 117, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 117, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 38.0420, -20.8029, 23.0771 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(81, 117, 0) }
```

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

```
.border{ border-color:rgb(81, 117, 0) }
```

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

Here you see how a box with a 4 pixel rgb(81, 117, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 117, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 117, 0);  
box-shadow:4px 4px 4px 4px rgb(81, 117, 0)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 38.0420, -20.8029, 23.0771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 117, 0) }
```

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

```
.background{ background-color: rgb(81, 117,  
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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