

Converting Colors

HunterLab(36.9928, -37.0022,
21.4333)

Have a look what the booklet for
HunterLab(36.9928, -37.0022,
21.4333) contains.

HunterLab(38.0129, -32.2721, 22.1535)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(38.0129,
-32.2721, 22.1535)**

Conversions

Conversions Part 1

Format	Color
Hex	007C0F
RGB	0, 124, 15
RGB Percent	0%, 49%, 6%
CMY	1.0000, 0.5137, 0.9412
CMYK	1.00, 0.00, 0.88, 0.51
HSL	127°, 100%, 24%
HSV	127°, 100%, 49%
XYZ	7.2939, 14.4498, 2.8566
YIQ	74.4980, -38.9150, -60.1870

Conversions

Conversions Part 2

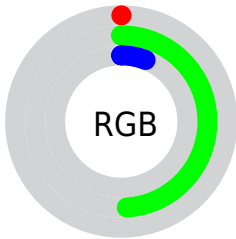
Format	Color
R _{YB}	0, 111, 124
Decimal	31759
CIE Lab	44.87, -49.90, 45.52
CIE LCh	45, 67.544, 137.627
Yxy	14.4504, 0.2965, 0.5874
Android (android.graphics.Color)	4278221839 (0xFF007C0F)
YUV	74.4980, -29.3325, -65.3347
Hunter-Lab	38.0129, -32.2721, 22.1535

Details

The HunterLab color **38.0129, -32.2721, 22.1535** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **23.2150, 44.5118, -21.8648**, and the grayscale version is **26.4585, -1.4118, 1.4375**.

A 20% lighter version of the original color is **58.2996, -39.7659, 29.3350**, and **21.8291, -18.7184, 13.1233** is the 20% darker color. If you saturate the color by 10%, you get **38.0137, -32.2727, 22.1537**, and if you desaturate by 10%, it is **38.1722, -31.4931, 21.4608**.

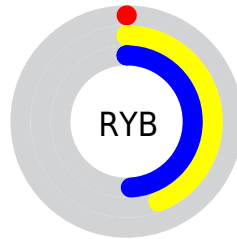
Distribution



Red (0%)

Green (49%)

Blue (6%)



Red (0%)

Yellow (44%)

Blue (49%)

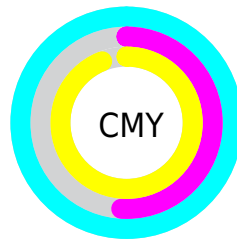


Cyan (100%)

Magenta (0%)

Yellow (88%)

Black (51%)



Cyan (100%)

Magenta (51%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.0129, -32.2721, 22.1535 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 38.0129, -32.2721, 22.1535 by changing the saturation by 10% instead.

■ 38.0129, -32.2721,
22.1535

■ 38.0129, -32.2721,
22.1535

148.3291,
-61.5211, 50.0613

■ 29.0424, -28.1155,
18.2431

■ 58.2118, -39.7405,
29.2661

■ 20.9148, -23.5349,
14.6403

■ 69.3360, -43.1778,
32.5515

■ 13.7297, -19.5191,
9.6108

■ 81.0904, -46.4708,
35.6995

■ 7.3442, -12.8523,
5.1409

■ 93.4429, -49.6465,
38.7338

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.3658,
-52.7251, 41.6734


0.0000, NaN, NaN


■ 119.8349,


0.0000, NaN, NaN


-55.7225, 44.5335


0.0000, NaN, NaN


 133.8290,
-58.6511, 47.3261


 38.0129, -32.2721,
22.1535


 38.0129, -32.2721,
22.1535


 38.0137, -32.2727,
22.1537

 38.1722, -31.4931,
21.4608

 38.4089, -30.3393,
20.4591

 38.7607, -28.6614,
19.1537

 39.2373, -26.4344,
17.5436

 39.8448, -23.6544,
15.6374

■ 40.5869, -20.3357,
13.4519

■ 41.4648, -16.5073,
11.0104

■ 42.4775, -12.2090,
8.3408

■ 43.6226, -7.4880,
5.4734

Harmonies

Analogous

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



38.0137, -15.9681, 25.1928



38.0129, -32.2721, 22.1535



38.0137, -39.4732, 10.8857

Triad

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



38.0137, -32.2726, 22.1536



38.0137, -12.1247, -79.4000



38.0137, 58.0371, 13.8026

Complementary

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



38.0129, -32.2721, 22.1535



23.2150, 44.5118, -21.8648

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.



38.0137, 59.8790, -9.5473



38.0129, -32.2721, 22.1535



38.0137, 14.2590, -76.4458

Square

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



38.0137, -32.2726, 22.1536



38.0137, -30.1111, -52.2149



38.0137, 42.2081, -45.7154



38.0137, 37.6980, 23.0678

Rectangle

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



38.0129, -32.2721, 22.1535



38.0137, -39.8725, -4.7721



38.0137, 42.2081, -45.7154



38.0137, 61.0039, 7.8361

Sweetspot

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



38.0137, -32.2726, 22.1536



54.9155, -22.2810, 14.8471



42.0728, -16.0091, 25.6447



26.4458, -11.6994, 7.7665



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



38.0137, -32.2726, 22.1536



50.4144, -42.8867, 29.5664



38.6578, -28.2698, 12.7076



21.1119, -3.3899, 2.5071



38.3268, -32.5408, 22.3410



83.6662, -71.3318, 49.4093

Inverse Universe

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



23.2150, 44.5118, -21.8648



30.7736, 58.9701, -28.7141



21.2011, 37.2957, 6.0369



20.1732, 1.2816, -0.2993



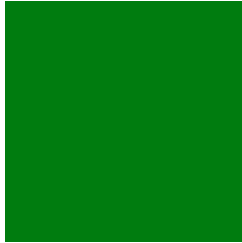
23.4058, 44.8771, -22.0379



51.0375, 97.7262, -47.0423

Previews

White Background



This preview shows how the HunterLab color 38.0129, -32.2721, 22.1535 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 38.0129, -32.2721, 22.1535 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 38.0129, -32.2721, 22.1535 Background



This preview shows how black text looks on a background with the HunterLab color 38.0129, -32.2721, 22.1535.



This preview shows how white text looks on a background with the HunterLab color 38.0129, -32.2721, 22.1535.

-32.2721, 22.1535.

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

38.0129, -32.2721, 22.1535

Protanopia

37.7459, -5.4977, 22.8018

Deuteranopia

37.9310, 2.1429, 21.4905



Tritanopia

38.0423, -13.7942, -7.0386

Trichromacy



Original Color

38.0129, -32.2721, 22.1535

Protanomaly

36.5663, -20.3205, 21.6629

Deuteranomaly

35.9705, -16.3493, 20.3627

Tritanomaly

37.3311, -23.5132, 8.9419

Monochromacy



Original Color

38.0129, -32.2721, 22.1535

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

29.5197, -16.7338, 11.1320

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.0129, -32.2721, 22.1535 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, 124, 15)` looks like.

```
.text, #text, p{  
    color:rgb(0, 124, 15)  
}
```

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, 124, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 124, 15) }
```

Border

The CSS property to change the border of an element to HunterLab 38.0129, -32.2721, 22.1535 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, 124, 15) }
```


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

```
.border{ border-color:rgb(0, 124, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 124, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 124, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 124, 15);  
box-shadow:4px 4px 4px 4px rgb(0, 124, 15)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 38.0129, -32.2721, 22.1535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 124, 15) }
```

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

```
.background{ background-color: rgb(0, 124,  
15) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor