

Converting Colors

HunterLab(38.8024, -19.4917,
21.1717)

Have a look what the booklet for
HunterLab(38.8024, -19.4917,
21.1717) contains.

HunterLab(38.7421, -19.2915, 21.1015)	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(38.7421,
-19.2915, 21.1015)**

Conversions

Conversions Part 1

Format	Color
Hex	557623
RGB	85, 118, 35
RGB Percent	33%, 46%, 14%
CMY	0.6667, 0.5372, 0.8627
CMYK	0.28, 0.00, 0.70, 0.54
HSL	84°, 54%, 30%
HSV	84°, 70%, 46%
XYZ	10.5281, 15.0095, 3.9323
YIQ	98.6710, 6.9750, -32.8090

Conversions

Conversions Part 2

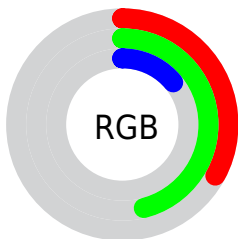
Format	Color
RYB	35, 118, 68
Decimal	5600803
CIELab	45.65, -25.60, 40.18
CIELCh	46, 47.639, 122.498
Yxy	15.0102, 0.3572, 0.5093
Android (android.graphics.Color)	4283790883 (0xFF557623)
YUV	98.6710, -31.3898, -11.9895
Hunter-Lab	38.7421, -19.2915, 21.1015

Details

The HunterLab color $[38.7421, -19.2915, 21.1015]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[19.3376, 23.9025, -40.2189]$, and the grayscale version is $[35.3125, -1.8842, 1.9186]$.

A 20% lighter version of the original color is $[58.9268, -23.3607, 27.2542]$, and $[21.5205, -13.9747, 13.0162]$ is the 20% darker color. If you saturate the color by 10%, you get $[38.3915, -20.8311, 22.0236]$, and if you desaturate by 10%, it is $[39.1400, -17.5335, 19.7686]$.

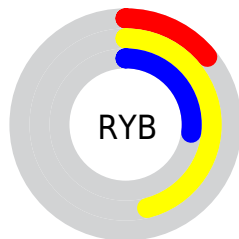
Distribution



Red (33%)

Green (46%)

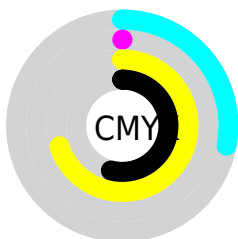
Blue (14%)



Red (14%)

Yellow (46%)

Blue (27%)

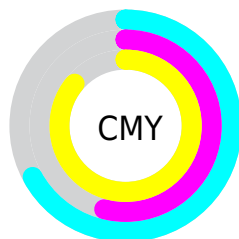


Cyan (28%)

Magenta (0%)

Yellow (70%)

Black (54%)



Cyan (67%)

Magenta (54%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.7421, -19.2915, 21.1015 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 38.7421, -19.2915, 21.1015 by changing the saturation by 10% instead.

■ 38.7421, -19.2915,
21.1015

■ 38.7421, -19.2915,
21.1015

149.4750,
-36.6225, 46.1362

■ 29.7095, -17.0499,
17.6266

■ 59.0517, -23.4617,
27.4261

■ 21.5133, -14.6407,
14.2805

■ 70.2261, -25.4416,
30.3575

■ 14.2507, -11.9765,
9.9755

■ 82.0280, -27.3737,
33.1743

■ 7.9075, -13.8381,
5.5352

■ 94.4257, -29.2692,
35.8976

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.3918,
-31.1360, 38.5437

0.0000, NaN, NaN

■ 120.9024,

0.0000, NaN, NaN

-32.9807, 41.1256

0.0000, NaN, NaN

134.9364,
-34.8082, 43.6536

■ 38.7421, -19.2915,
21.1015

■ 38.7421, -19.2915,
21.1015

■ 38.3915, -20.8311,
22.0236

■ 39.1400, -17.5335,
19.7686

■ 38.0834, -22.1581,
22.5667

■ 39.5844, -15.5504,
18.0025

■ 37.8156, -23.3016,
22.8939

■ 40.0771, -13.3434,
15.7904

■ 40.6190, -10.9157,
13.1267

■ 41.2102, -8.2732,
10.0117

■ 41.8508, -5.4238,
6.4511

■ 42.5403, -2.3772,
2.4548

■ 43.2783, 0.8560,
-1.9636

■ 44.0639, 4.2642,
-6.7880

Harmonies

Analogous

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



38.7430, -3.5982, 22.9081



38.7421, -19.2915, 21.1015



38.7430, -28.7047, 14.6460

Triad

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



38.7430, -19.2924, 21.1017



38.7430, -17.0801, -41.1509



38.7430, 39.9532, 3.5463

Complementary

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



38.7421, -19.2915, 21.1015



19.3376, 23.9025, -40.2189

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.



38.7430, 34.5390, -16.8565



38.7421, -19.2915, 21.1015



38.7430, -0.5163, -48.7787

Square

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



38.7430, -19.2924, 21.1017



38.7430, -27.6047, -20.6597



38.7430, 18.8129, -38.3278



38.7430, 32.4830, 16.1756

Rectangle

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



38.7421, -19.2915, 21.1015



38.7430, -31.2584, 6.2476



38.7430, 18.8129, -38.3278



38.7430, 39.5797, -2.5437

Sweetspot

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



38.7430, -19.2924, 21.1017



54.5479, -11.4001, 13.7962



28.2241, 12.4062, 14.2680



26.0741, -5.8294, 7.0507



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.



38.7430, -19.2924, 21.1017



50.6648, -28.6676, 29.6754



36.9184, -26.6496, 19.7284



20.4868, -2.4603, 2.9080



39.3226, -24.2738, 23.8055



86.5123, -54.7714, 52.3496

Inverse Universe

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



19.3376, 23.9025, -40.2189



21.1958, 38.9857, -70.5577



23.9134, 33.5017, -27.1754



19.1163, 0.4014, -0.8996



14.3522, 34.4379, -67.1542



30.9341, 75.2670, -152.8104

Previews

White Background



This preview shows how the HunterLab color 38.7421, -19.2915, 21.1015 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 38.7421, -19.2915, 21.1015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

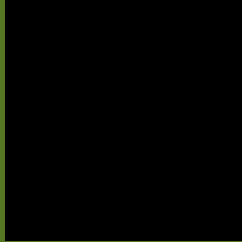
Any Text WCAG AA × Fail

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 38.7421, -19.2915, 21.1015 Background



This preview shows how black text looks on a background with the HunterLab color 38.7421, -19.2915, 21.1015.



This preview shows how white text looks on a background with the HunterLab color 38.7421, -19.2915, 21.1015.

-19.2915, 21.1015.

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

38.7421, -19.2915, 21.1015

Protanopia

38.5932, -5.0594, 21.5931

Deuteranopia

38.3812, 2.5151, 20.4537



Tritanopia

38.6221, -4.6178, -3.0744

Trichromacy



Original Color

38.7421, -19.2915, 21.1015

Protanomaly

38.5828, -10.8322, 21.3738

Deuteranomaly

38.1898, -6.3913, 20.4405

Tritanomaly

38.3914, -11.4797, 9.1973

Monochromacy



Original Color

38.7421, -19.2915, 21.1015

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

36.3450, -9.2131, 11.0802

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.7421, -19.2915, 21.1015 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(85, 118, 35)` looks like.

```
.text, #text, p{  
    color:rgb(85, 118, 35)  
}
```

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(85, 118, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 118, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 38.7421, -19.2915, 21.1015 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(85, 118, 35) }
```


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

```
.border{ border-color:rgb(85, 118, 35) }
```

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

Here you see how a box with a 4 pixel rgb(85, 118, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 118, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 118, 35);  
box-shadow:4px 4px 4px 4px rgb(85, 118,  
35) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.7421, -19.2915, 21.1015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 118, 35) }
```

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

```
.background{ background-color: rgb(85, 118,  
35) }
```

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