

Converting Colors

HunterLab(63.2445, -21.8204,
37.9509)

Have a look what the booklet for
HunterLab(63.2445, -21.8204,
37.9509) contains.

HunterLab(63.3902, -22.0741, 38.0553)	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(63.3902,
-22.0741, 38.0553)**

Conversions

Conversions Part 1

Format	Color
Hex	A4B314
RGB	164, 179, 20
RGB Percent	64%, 70%, 8%
CMY	0.3569, 0.2980, 0.9215
CMYK	0.08, 0.00, 0.89, 0.30
HSL	66°, 80%, 39%
HSV	66°, 89%, 70%
XYZ	31.5562, 40.1832, 6.7548
YIQ	156.3890, 42.0990, -52.6290

Conversions

Conversions Part 2

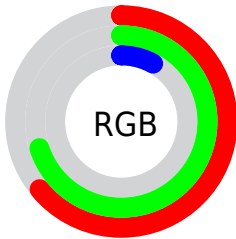
Format	Color
R_{YB}	20, 179, 35
Decimal	10793748
CIE _{Lab}	69.60, -22.75, 68.41
CIE _{LCh}	70, 72.094, 108.392
Yxy	40.1850, 0.4020, 0.5119
Android (android.graphics.Color)	4288983828 (0xFFA4B314)
YUV	156.3890, -67.2398, 6.6748
Hunter-Lab	63.3902, -22.0741, 38.0553

Details

The HunterLab color $63.3902, -22.0741, 38.0553$ is a dark color, and the websafe version is hex `CCCC33`. A complement of this color would be $20.2809, 44.4352, -111.4103$, and the grayscale version is $58.0714, -3.0985, 3.1551$.

A 20% lighter version of the original color is $86.9495, -25.9643, 47.2629$, and $42.5557, -17.2376, 25.9208$ is the 20% darker color. If you saturate the color by 10%, you get $63.2144, -22.8188, 38.4961$, and if you desaturate by 10%, it is $63.6041, -21.1364, 37.1201$.

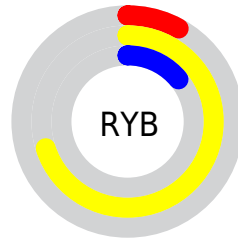
Distribution



Red (64%)

Green (70%)

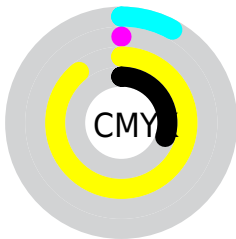
Blue (8%)



Red (8%)

Yellow (70%)

Blue (14%)

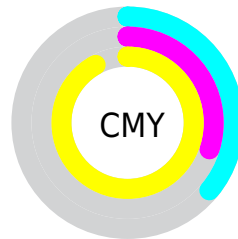


Cyan (8%)

Magenta (0%)

Yellow (89%)

Black (30%)



Cyan (36%)

Magenta (30%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.3902, -22.0741, 38.0553 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 63.3902, -22.0741, 38.0553 by changing the saturation by 10% instead.

63.3902, -22.0741,
38.0553

63.3902, -22.0741,
38.0553

186.2533,
-37.5902, 74.6154

52.6145, -20.2291,
33.1863

86.8592, -25.6468,
47.1602

42.5285, -18.3215,
28.0759

99.4846, -27.3901,
51.4455

33.1847, -16.3302,
23.2293

112.6687,
-29.1143, 55.5826

24.6477, -14.2193,
17.2534

126.3886,
-30.8244, 59.5904

17.0023, -11.9285,
11.9016

140.6242,
-32.5243, 63.4849

10.3681, -10.3116,
7.2577

155.3574,

0.0000, NaN, NaN

-34.2169, 67.2798

0.0000, NaN, NaN

170.5721,
-35.9048, 70.9866

0.0000, NaN, NaN

■ 63.3902, -22.0741,
38.0553

■ 63.3902, -22.0741,
38.0553

■ 63.2144, -22.8188,
38.4961

■ 63.6041, -21.1364,
37.1201

■ 63.1942, -22.9026,
38.5390

■ 63.8611, -19.9467,
35.5505

■ 64.1678, -18.4812,
33.2771

■ 64.5280, -16.7209,
30.2472

■ 64.9450, -14.6523,
26.4214

■ 65.4213, -12.2661,
21.7723

■ 65.9589, -9.5575,
16.2823

■ 66.5595, -6.5250,
9.9437

■ 67.2242, -3.1704,
2.7567

Harmonies

Analogous

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



63.3917, 9.8044, 38.5697



63.3902, -22.0741, 38.0553



63.3917, -43.9724, 31.7527

Triad

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



63.3917, -22.0761, 38.0557



63.3917, -40.0516, -59.7621



63.3917, 70.9415, -9.8411

Complementary

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



63.3902, -22.0741, 38.0553



20.2809, 44.4352, -111.4103

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.



63.3917, 50.9741, -50.6856



63.3902, -22.0741, 38.0553



63.3917, -15.5786, -87.8862

Square

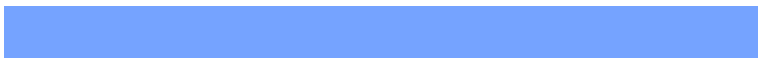
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.3917, -22.0761, 38.0557



63.3917, -52.8023, -18.5378



63.3917, 17.7571, -83.9114



63.3917, 68.2144, 19.6062

Rectangle

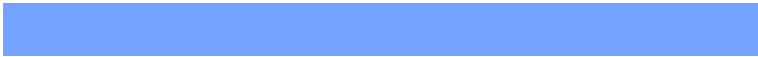
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.3902, -22.0741, 38.0553



63.3917, -51.9958, 21.8006



63.3917, 17.7571, -83.9114



63.3917, 66.5196, -22.8447

Sweetspot

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



63.3917, -22.0761, 38.0557



87.6423, -15.9457, 28.2002



32.7674, 47.6244, 19.8264



41.1454, -8.0433, 14.3423



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



63.3917, -22.0761, 38.0557



84.5370, -30.7689, 51.5526



58.5520, -41.1622, 34.6881



31.4088, -3.1555, 4.8531



53.1354, -19.1975, 32.4057



9.4873, -3.1710, 5.7905

Inverse Universe

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



20.2809, 44.4352, -111.4103



24.4918, 65.7422, -168.6617



26.9262, 53.4206, -76.3866



28.7528, 0.0544, -1.8843



15.4817, 41.3681, -105.1513



2.9647, 7.5179, -17.0050

Previews

White Background



This preview shows how the HunterLab color 63.3902, -22.0741, 38.0553 looks on a white 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

Black Background



This preview shows how the HunterLab color 63.3902, -22.0741, 38.0553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

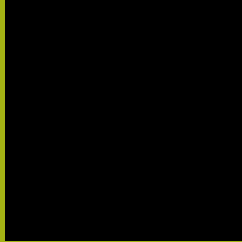
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 63.3902, -22.0741, 38.0553 Background



This preview shows how black text looks on a background with the HunterLab color 63.3902, -22.0741, 38.0553.



This preview shows how white text looks on a background with the HunterLab color 63.3902,

-22.0741, 38.0553.

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

63.3902, -22.0741, 38.0553

Protanopia

63.1398, -8.8284, 38.2539

Deuteranopia

63.1722, 4.6766, 37.5159



Tritanopia

63.1782, 2.4685, -1.5493

Trichromacy



Original Color

63.3902, -22.0741, 38.0553

Protanomaly

63.0512, -13.7765, 38.0726

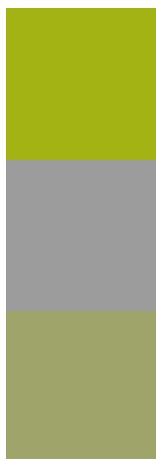
Deuteranomaly

63.1148, -5.8028, 37.6356

Tritanomaly

62.6910, -9.8003, 21.0449

Monochromacy



Original Color

63.3902, -22.0741, 38.0553

Achromatopsia

57.6586, -3.0765, 3.1327

Achromatomaly

59.1468, -12.2831, 22.2873

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.3902, -22.0741, 38.0553 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(164, 179, 20)` looks like.

```
.text, #text, p{  
    color:rgb(164, 179, 20)  
}
```

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(164, 179, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 179, 20) }
```

Border

The CSS property to change the border of an element to HunterLab 63.3902, -22.0741, 38.0553 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(164, 179, 20) }
```


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

```
.border{ border-color:rgb(164, 179, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 179, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 179, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 179, 20);  
box-shadow:4px 4px 4px 4px rgb(164, 179,  
20) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.3902, -22.0741, 38.0553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 179, 20) }
```

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

```
.background{ background-color: rgb(164,  
179, 20) }
```

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