

Converting Colors

HunterLab(38.1258, -22.1356,
21.0342)

Have a look what the booklet for
HunterLab(38.1258, -22.1356,
21.0342) contains.

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Color

**HunterLab(38.0495,
-22.0815, 20.9300)**

Conversions

Conversions Part 1

Format	Color
Hex	497620
RGB	73, 118, 32
RGB Percent	29%, 46%, 13%
CMY	0.7137, 0.5372, 0.8745
CMYK	0.38, 0.00, 0.73, 0.54
HSL	91°, 57%, 29%
HSV	91°, 73%, 46%
XYZ	9.4868, 14.4776, 3.6610
YIQ	94.7410, 0.7860, -36.2860

Conversions

Conversions Part 2

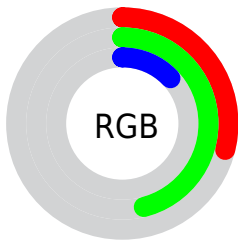
Format	Color
R_{YB}	32, 118, 77
Decimal	4814368
CIE _{Lab}	44.91, -30.61, 40.47
CIE _{LCh}	45, 50.740, 127.107
Yxy	14.4783, 0.3434, 0.5241
Android (android.graphics.Color)	4283004448 (0xFF497620)
YUV	94.7410, -30.9313, -19.0669
Hunter-Lab	38.0495, -22.0815, 20.9300

Details


The HunterLab color $[38.0495, -22.0815, 20.9300]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[19.7972, 27.0977, -38.6599]$, and the grayscale version is $[33.8439, -1.8058, 1.8388]$.

A 20% lighter version of the original color is $[58.3909, -27.1555, 27.3992]$, and $[21.0400, -15.9583, 12.6854]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.6774, -23.7254, 21.7449]$, and if you desaturate by 10%, it is $[38.4807, -20.1718, 19.7168]$.

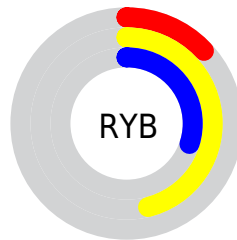
Distribution



 Red (29%)

 Green (46%)

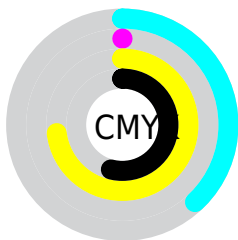
 Blue (13%)




 Red (13%)

 Yellow (46%)

 Blue (30%)

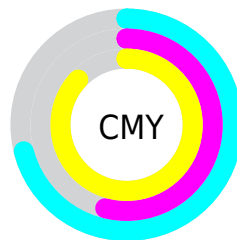


 Cyan (38%)

 Magenta (0%)

 Yellow (73%)

 Black (54%)



 Cyan (71%)

 Magenta (54%)

 Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.0495, -22.0815, 20.9300 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 38.0495, -22.0815, 20.9300 by changing the saturation by 10% instead.

■ 38.0495, -22.0815,
20.9300

■ 38.0495, -22.0815,
20.9300

148.3867,
-41.8213, 46.1806

■ 29.0759, -19.4510,
17.4138

■ 58.2540, -26.9188,
27.3219

■ 20.9448, -16.5978,
14.1696

■ 69.3807, -29.1930,
30.2811

■ 13.7558, -13.4098,
9.6291

■ 81.1375, -31.4000,
33.1228

■ 7.3736, -12.9038,
5.1615

■ 93.4923, -33.5540,
35.8686

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.4174,
-35.6657, 38.5353

0.0000, NaN, NaN

■ 119.8886,

0.0000, NaN, NaN

-37.7434, 41.1361

0.0000, NaN, NaN

133.8848,
-39.7935, 43.6816

38.0495, -22.0815,
20.9300

38.0495, -22.0815,
20.9300

37.6774, -23.7254,
21.7449

38.4807, -20.1718,
19.7168

37.3590, -25.1106,
22.1979

38.9703, -17.9920,
18.0832

37.1558, -25.9952,
22.4402

39.5203, -15.5461,
16.0178

40.1310, -12.8414,
13.5175

40.8026, -9.8885,
10.5857

■ 41.5344, -6.7002,
7.2317

■ 42.3257, -3.2913,
3.4693

■ 43.1754, 0.3224,
-0.6844

■ 44.0821, 4.1245,
-5.2096

Harmonies

Analogous

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



38.0503, -6.5531, 23.1701



38.0495, -22.0815, 20.9300



38.0503, -30.7378, 13.4815

Triad

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



38.0503, -22.0823, 20.9302



38.0503, -15.5251, -47.4933



38.0503, 42.6859, 6.2181

Complementary

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



38.0495, -22.0815, 20.9300



19.7972, 27.0977, -38.6599

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.



38.0503, 38.9505, -14.5456



38.0495, -22.0815, 20.9300



38.0503, 2.7099, -52.9052

Square

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



38.0503, -22.0823, 20.9302



38.0503, -27.5173, -26.2784



38.0503, 23.2832, -38.6697



38.0503, 32.6538, 17.8985

Rectangle

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



38.0495, -22.0815, 20.9300



38.0503, -32.6619, 3.8247



38.0503, 23.2832, -38.6697



38.0503, 43.0270, 0.2300

Sweetspot

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



38.0503, -22.0823, 20.9302



54.1346, -12.9768, 13.8980



30.3072, 7.9028, 16.1398



25.8670, -6.6179, 7.0672



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.



38.0503, -22.0823, 20.9302



49.6863, -32.6523, 29.2612



36.5744, -28.1086, 19.6601



20.4349, -2.6443, 2.8483



38.6362, -27.0770, 23.3334



84.9942, -60.9957, 51.3052

Inverse Universe

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



19.7972, 27.0977, -38.6599



22.2424, 42.6946, -65.8808



24.8177, 36.9359, -23.9507



19.1712, 0.5880, -0.8262



15.8328, 36.0515, -59.0503



34.2094, 78.7418, -134.1498

Previews

White Background



This preview shows how the HunterLab color 38.0495, -22.0815, 20.9300 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 38.0495, -22.0815, 20.9300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

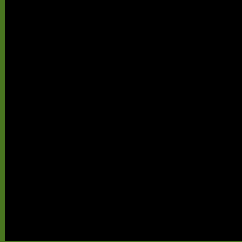
Any Text WCAG AA × Fail

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 38.0495, -22.0815, 20.9300 Background



This preview shows how black text looks on a background with the HunterLab color 38.0495, -22.0815, 20.9300.



This preview shows how white text looks on a background with the HunterLab color 38.0495,

-22.0815, 20.9300.

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

38.0495, -22.0815, 20.9300

Protanopia

37.8401, -4.9738, 21.4085

Deuteranopia

37.8938, 2.1564, 20.3845



Tritanopia

37.9672, -6.9600, -3.9811

Trichromacy



Original Color

38.0495, -22.0815, 20.9300

Protanomaly

37.5105, -11.9192, 20.9637

Deuteranomaly

37.4463, -7.7015, 20.2967

Tritanomaly

37.7461, -13.9484, 8.8516

Monochromacy



Original Color

38.0495, -22.0815, 20.9300

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

34.9208, -10.2491, 10.9293

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.0495, -22.0815, 20.9300 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(73, 118, 32)` looks like.

```
.text, #text, p{  
    color:rgb(73, 118, 32)  
}
```

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(73, 118, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 118, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 38.0495, -22.0815, 20.9300 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(73, 118, 32) }
```


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

```
.border{ border-color:rgb(73, 118, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 118, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 118, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 118, 32);  
box-shadow:4px 4px 4px 4px rgb(73, 118,  
32) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.0495, -22.0815, 20.9300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 118, 32) }
```

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

```
.background{ background-color: rgb(73, 118,  
32) }
```

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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