

Converting Colors

HunterLab(13.1915, -4.0514,
6.3288)

Have a look what the booklet for
HunterLab(13.1915, -4.0514, 6.3288)
contains.

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Color

**HunterLab(13.2490, -3.9812,
6.3903)**

Conversions

Conversions Part 1

Format	Color
Hex	22260D
RGB	34, 38, 13
RGB Percent	13%, 15%, 5%
CMY	0.8667, 0.8510, 0.9490
CMYK	0.11, 0.00, 0.66, 0.85
HSL	70°, 49%, 10%
HSV	70°, 66%, 15%
XYZ	1.4254, 1.7554, 0.6445
YIQ	33.9540, 5.6410, -8.6230

Conversions

Conversions Part 2

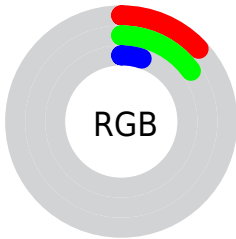
Format	Color
RYB	13, 38, 17
Decimal	2237965
CIELab	14.15, -6.64, 15.17
CIELCh	14, 16.564, 113.642
Yxy	1.7554, 0.3726, 0.4589
Android (android.graphics.Color)	4280428045 (0xFF22260D)
YUV	33.9540, -10.3303, 0.0403
Hunter-Lab	13.2490, -3.9812, 6.3903

Details

The HunterLab color **13.2490, -3.9812, 6.3903** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **7.3960, 4.5549, -10.0637**, and the grayscale version is **12.6637, -0.6757, 0.6880**.

A 20% lighter version of the original color is **28.5207, -5.9037, 9.6932**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **13.1769, -4.3198, 6.8551**, and if you desaturate by 10%, it is **13.3291, -3.6042, 5.8275**.

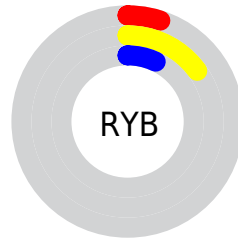
Distribution



Red (13%)

Green (15%)

Blue (5%)



Red (5%)

Yellow (15%)

Blue (7%)

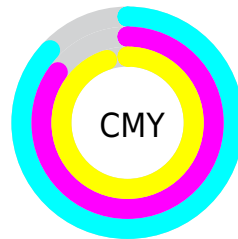


Cyan (11%)

Magenta (0%)

Yellow (66%)

Black (85%)



Cyan (87%)

Magenta (85%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.2490, -3.9812, 6.3903 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 13.2490, -3.9812, 6.3903 by changing the saturation by 10% instead.

■ 13.2490, -3.9812,
6.3903

■ 13.2490, -3.9812,
6.3903

■ 105.4110,
-12.4238, 19.6232

■ 6.7762, -4.6335,
4.7433

■ 28.4242, -5.8288,
9.6120

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 37.3371, -6.7395,
11.1403

0.0000, NaN, NaN

■ 47.0254, -7.6552,
12.6125

0.0000, NaN, NaN

■ 57.4314, -8.5806,
14.0478

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.5085, -9.5187,
15.4589

0.0000, NaN, NaN

■ 80.2184, -10.4712,

0.0000, NaN, NaN

16.8547

■ 92.5286, -11.4393,
18.2413

■ 13.2490, -3.9812,
6.3903

■ 13.2490, -3.9812,
6.3903

■ 13.1769, -4.3198,
6.8551

■ 13.3291, -3.6042,
5.8275

■ 13.1069, -4.6467,
7.2935

■ 13.4168, -3.1859,
5.1614

■ 13.0372, -4.9746,
7.7374

■ 13.5124, -2.7263,
4.3901

■ 13.0080, -5.1130,
7.9260

■ 13.6162, -2.2252,
3.5124

■ 13.7283, -1.6827,
2.5278

■ 13.8488, -1.0991,
1.4365

■ 13.9778, -0.4752,
0.2394

■ 14.1152, 0.1883,
-1.0621

■ 14.2612, 0.8905,
-2.4664

Harmonies

Analogous

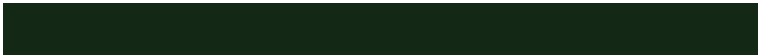
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



13.2493, 0.2578, 6.7935



13.2490, -3.9812, 6.3903



13.2493, -6.9439, 4.7107

Triad

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



13.2493, -3.9816, 6.3904



13.2493, -5.4282, -7.6986



13.2493, 8.9634, -0.2167

Complementary

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



13.2490, -3.9812, 6.3903



7.3960, 4.5549, -10.0637

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.



13.2493, 6.9499, -5.0999



13.2490, -3.9812, 6.3903



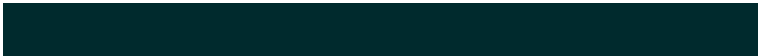
13.2493, -1.6462, -10.2512

Square

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



13.2493, -3.9816, 6.3904



13.2493, -7.6985, -2.9949



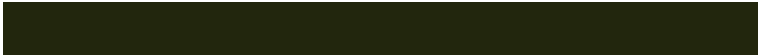
13.2493, 2.9187, -9.1692



13.2493, 8.1222, 3.5992

Rectangle

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



13.2490, -3.9812, 6.3903



13.2493, -7.9880, 2.8237



13.2493, 2.9187, -9.1692



13.2493, 8.5903, -1.7947

Sweetspot

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



13.2493, -3.9816, 6.3904



17.0227, -2.4703, 3.8330



9.1344, 4.8976, 3.2426



9.8275, -1.4247, 2.2103



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

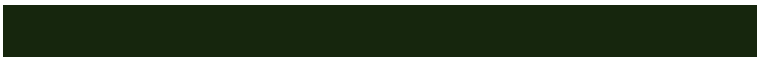
The Same Dimension uses a secret algorithm to generate beautiful new colors.



13.2493, -3.9816, 6.3904



16.3472, -5.6841, 8.9138



12.5822, -6.5381, 5.8442



7.6799, -0.6732, 0.9163



26.8754, -11.1071, 16.3661



74.0523, -31.6144, 45.0772

Inverse Universe

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



7.3960, 4.5549, -10.0637



7.4218, 7.9873, -18.0165



8.3229, 7.0455, -7.8118



7.2730, -0.1143, -0.1333



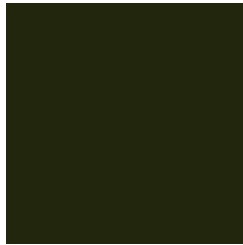
8.3015, 21.4816, -50.9530



22.2250, 58.7956, -146.3701

Previews

White Background



This preview shows how the HunterLab color 13.2490, -3.9812, 6.3903 looks on a white background.

Color Contrast Check

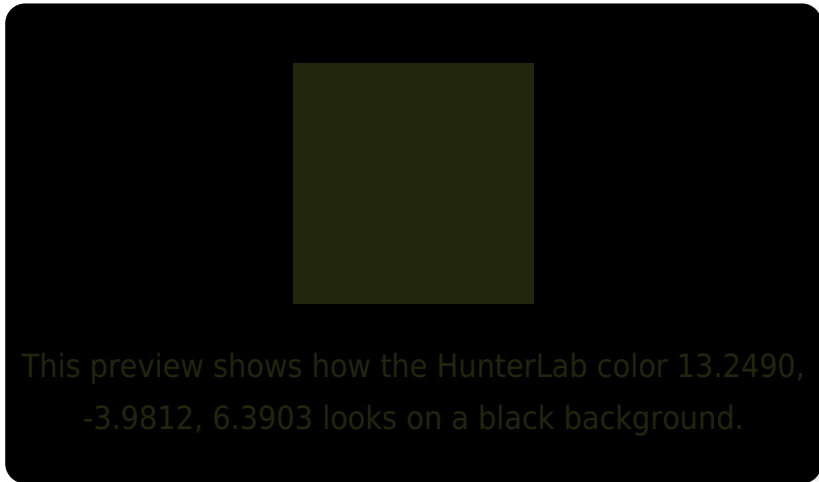
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

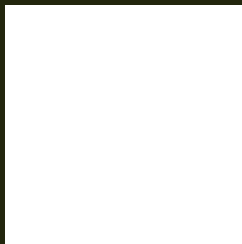
Any Text WCAG AAA × Fail

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

HunterLab 13.2490, -3.9812, 6.3903 Background



This preview shows how black text looks on a background with the HunterLab color 13.2490, -3.9812, 6.3903.

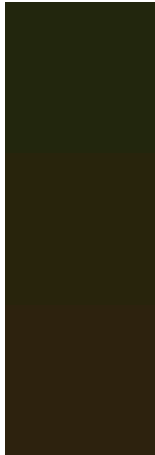


This preview shows how white text looks on a background with the HunterLab color 13.2490, -3.9812,

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

13.2490, -3.9812, 6.3903

Protanopia

13.1887, -1.8000, 6.5316

Deuteranopia

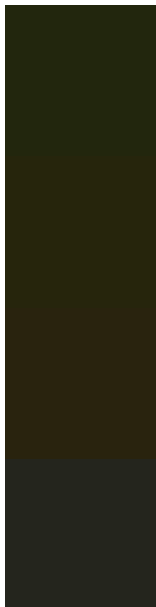
13.1668, 0.4586, 6.2505



Tritanopia

13.3978, -0.2150, 0.1370

Trichromacy



Original Color

13.2490, -3.9812, 6.3903

Protanomaly

13.2731, -2.6889, 6.5780

Deuteranomaly

13.0583, -1.0526, 6.1416

Tritanomaly

13.3675, -1.8826, 3.0484

Monochromacy



Original Color

13.2490, -3.9812, 6.3903

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.7151, -1.9353, 3.2440

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.2490, -3.9812, 6.3903 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(34, 38, 13)` looks like.

```
.text, #text, p{  
    color:rgb(34, 38, 13)  
}
```

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(34, 38, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 38, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 13.2490, -3.9812, 6.3903 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(34, 38, 13) }
```


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

```
.border{ border-color:rgb(34, 38, 13) }
```

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

Here you see how a box with a 4 pixel rgb(34, 38, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 38, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 38, 13);  
box-shadow:4px 4px 4px 4px rgb(34, 38, 13)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.2490, -3.9812, 6.3903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 38, 13) }
```

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

```
.background{ background-color: rgb(34, 38,  
13) }
```

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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