

Converting Colors

HunterLab(21.0245, -3.0507,
4.4520)

Have a look what the booklet for
HunterLab(21.0245, -3.0507, 4.4520)
contains.

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Color

**HunterLab(20.8843, -2.9019,
4.2511)**

Conversions

Conversions Part 1

Format	Color
Hex	3A3C32
RGB	58, 60, 50
RGB Percent	23%, 24%, 20%
CMY	0.7725, 0.7647, 0.8039
CMYK	0.03, 0.00, 0.17, 0.76
HSL	72°, 9%, 22%
HSV	72°, 17%, 24%
XYZ	3.9365, 4.3615, 3.6520
YIQ	58.2620, 2.0180, -3.5340

Conversions

Conversions Part 2

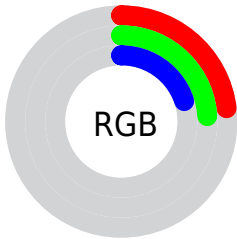
Format	Color
R_{YB}	50, 60, 52
Decimal	3816498
CIE Lab	24.83, -3.01, 5.90
CIE LCh	25, 6.625, 117.021
Yxy	4.3617, 0.3294, 0.3650
Android (android.graphics.Color)	4282006578 (0xFF3A3C32)
YUV	58.2620, -4.0732, -0.2298
Hunter-Lab	20.8843, -2.9019, 4.2511

Details

The HunterLab color **20.8843, -2.9019, 4.2511** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.2692, 0.9806, -2.6000**, and the grayscale version is **20.6730, -1.1031, 1.1232**.

A 20% lighter version of the original color is **37.8988, -4.1769, 5.9674**, and **7.4118, -2.2192, 3.8391** is the 20% darker color. If you saturate the color by 10%, you get **20.6826, -3.8606, 5.8460**, and if you desaturate by 10%, it is **21.1030, -1.8669, 2.4591**.

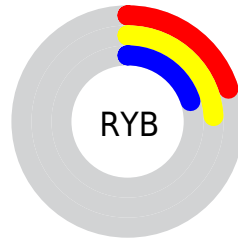
Distribution



Red (23%)

Green (24%)

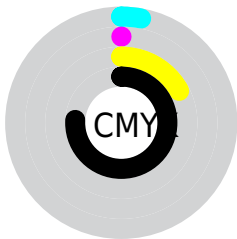
Blue (20%)



Red (20%)

Yellow (24%)

Blue (20%)

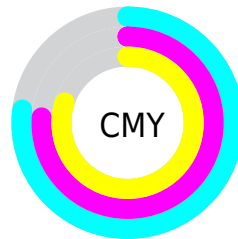


Cyan (3%)

Magenta (0%)

Yellow (17%)

Black (76%)



Cyan (77%)

Magenta (76%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.8843, -2.9019, 4.2511 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 20.8843, -2.9019, 4.2511 by changing the saturation by 10% instead.

■ 20.8843, -2.9019,
4.2511

■ 20.8843, -2.9019,
4.2511

■ 119.7812, -9.6343,
12.4323

■ 13.7036, -2.2761,
3.3775

■ 37.9771, -4.2219,
5.9775

■ 7.3146, -2.1838,
3.7428

■ 47.7162, -4.9193,
6.8510

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.1696, -5.6426,
7.7381

0.0000, NaN, NaN

■ 69.2912, -6.3914,
8.6409

0.0000, NaN, NaN

■ 81.0432, -7.1655,
9.5611

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.3935, -7.9644,

10.4994

0.0000, NaN, NaN

106.3142, -8.7875,
11.4564

■ 20.8843, -2.9019,
4.2511

■ 20.8843, -2.9019,
4.2511

■ 20.6826, -3.8606,
5.8460

■ 21.1030, -1.8669,
2.4591

■ 20.4965, -4.7406,
7.2424

■ 21.3376, -0.7557,
0.4710

■ 20.3261, -5.5418,
8.4418

■ 21.5884, 0.4294,
-1.7098

■ 20.1711, -6.2648,
9.4471

■ 21.8554, 1.6858,
-4.0790

■ 20.0309, -6.9105,
10.2631

■ 22.1387, 3.0111,
-6.6316

■ 19.9051, -7.4810,
10.8970

■ 22.4379, 4.4022,
-9.3616

■ 19.7921, -7.9832,
11.3679

■ 22.7530, 5.8561,
-12.2625

■ 19.6832, -8.4683,
11.8075

■ 23.0837, 7.3695,
-15.3275

■ 19.6472, -8.6295,
11.9555

■ 23.4298, 8.9393,
-18.5492

Harmonies

Analogous

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



20.8848, -0.9071, 4.5920



20.8843, -2.9019, 4.2511



20.8848, -4.3672, 3.1044

Triad

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



20.8848, -2.9024, 4.2514



20.8848, -3.2492, -2.3149



20.8848, 3.0326, 0.9380

Complementary

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



20.8843, -2.9019, 4.2511



18.2692, 0.9806, -2.6000

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.



20.8848, 2.3482, -1.0431



20.8843, -2.9019, 4.2511



20.8848, -1.3230, -3.0329

Square

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



20.8848, -2.9024, 4.2514



20.8848, -4.5619, -0.6675



20.8848, 0.7337, -2.5463



20.8848, 2.5700, 2.7932

Rectangle

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



20.8843, -2.9019, 4.2511



20.8848, -4.8733, 1.9738



20.8848, 0.7337, -2.5463



20.8848, 2.9284, 0.2637

Sweetspot

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



20.8848, -2.9024, 4.2514



27.8194, -2.2544, 2.8785



19.0973, 0.8580, 2.4139



14.7365, -1.2149, 1.5613



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



20.8848, -2.9024, 4.2514



27.3726, -4.3737, 6.5279



20.5404, -4.1404, 3.8739



11.4747, -1.1212, 1.5225



30.9559, -13.9679, 18.8303



78.4625, -36.4898, 47.7094

Inverse Universe

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



18.2692, 0.9806, -2.6000



23.0634, 2.0361, -4.7934



18.6478, 2.2444, -2.0628



10.7458, -0.0416, -0.3801



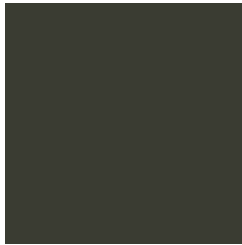
9.7555, 25.0550, -58.4114



24.1042, 63.1249, -153.7682

Previews

White Background



This preview shows how the HunterLab color 20.8843, -2.9019, 4.2511 looks on a white background.

Color Contrast Check

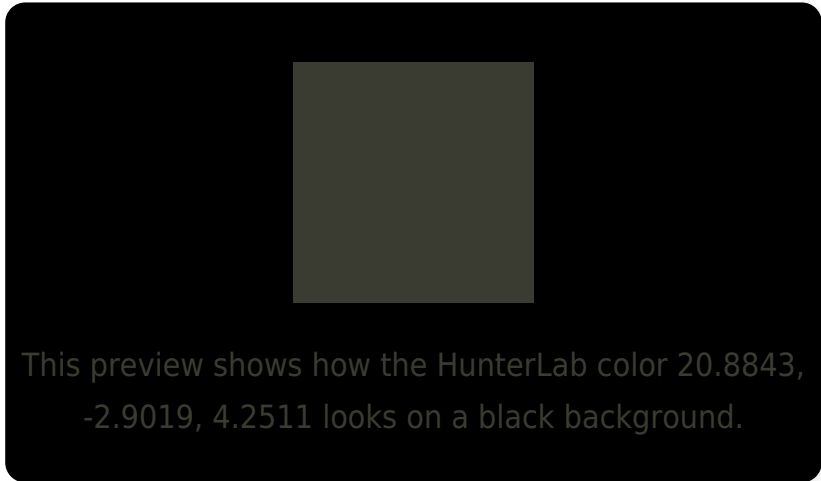
Large Text (above 18pt) WCAG AA ✓ Pass

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

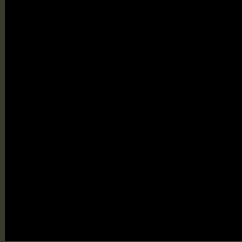
Any Text WCAG AA × Fail

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 20.8843, -2.9019, 4.2511 Background



This preview shows how black text looks on a background with the HunterLab color 20.8843, -2.9019, 4.2511.

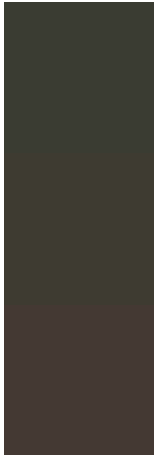


This preview shows how white text looks on a background with the HunterLab color 20.8843, -2.9019,

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

20.8843, -2.9019, 4.2511

Protanopia

20.9137, -1.5628, 4.6218

Deuteranopia

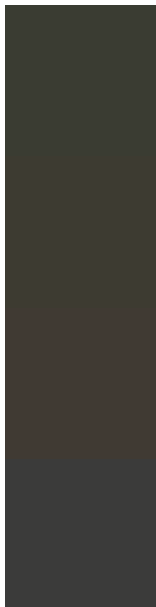
20.9624, 1.1624, 4.0788



Tritanopia

20.8462, 0.1138, -0.5277

Trichromacy



Original Color

20.8843, -2.9019, 4.2511

Protanomaly

20.8369, -1.8318, 4.5395

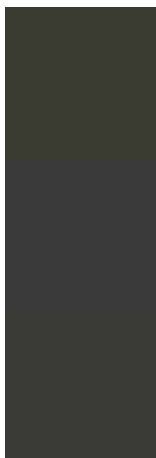
Deuteranomaly

20.8689, -0.3830, 3.9545

Tritanomaly

20.8883, -1.2506, 1.4872

Monochromacy



Original Color

20.8843, -2.9019, 4.2511

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.7444, -1.8969, 2.4189

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.8843, -2.9019, 4.2511 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(58, 60, 50)` looks like.

```
.text, #text, p{  
    color:rgb(58, 60, 50)  
}
```

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(58, 60, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 60, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 20.8843, -2.9019, 4.2511 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(58, 60, 50) }
```


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

```
.border{ border-color:rgb(58, 60, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 60, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 60, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 60, 50);  
box-shadow:4px 4px 4px 4px rgb(58, 60, 50)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.8843, -2.9019, 4.2511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 60, 50) }
```

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

```
.background{ background-color: rgb(58, 60,  
50) }
```

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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