

Converting Colors

HunterLab(21.8605, -0.5709,
2.3476)

Have a look what the booklet for
HunterLab(21.8605, -0.5709, 2.3476)
contains.

HunterLab(21.8565, -0.3697, 2.2372)	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(21.8565, -0.3697,
2.2372)**

Conversions

Conversions Part 1

Format	Color
Hex	413D3B
RGB	65, 61, 59
RGB Percent	25%, 24%, 23%
CMY	0.7451, 0.7608, 0.7686
CMYK	0.00, 0.06, 0.09, 0.75
HSL	20°, 5%, 24%
HSV	20°, 9%, 25%
XYZ	4.6381, 4.7771, 4.8153
YIQ	61.9680, 3.0260, 0.2260

Conversions

Conversions Part 2

Format	Color
RYB	65, 62, 59
Decimal	4275515
CIELab	26.09, 1.29, 1.84
CIElCh	26, 2.250, 54.990
Yxy	4.7773, 0.3259, 0.3357
Android (android.graphics.Color)	4282465595 (0xFF413D3B)
YUV	61.9680, -1.4632, 2.6591
Hunter-Lab	21.8565, -0.3697, 2.2372

Details

The HunterLab color **21.8565, -0.3697, 2.2372** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **22.0599, -1.9073, 0.1185**, and the grayscale version is **21.9416, -1.1707, 1.1921**.

A 20% lighter version of the original color is **39.0851, -0.9260, 3.3833**, and **8.2968, 0.2694, 1.3275** is the 20% darker color. If you saturate the color by 10%, you get **20.6640, 0.6197, 3.2519**, and if you desaturate by 10%, it is **23.0875, -1.2958, 1.1647**.

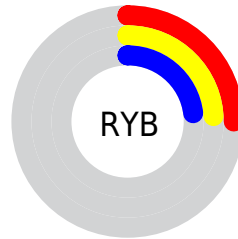
Distribution



 Red (25%)

 Green (24%)

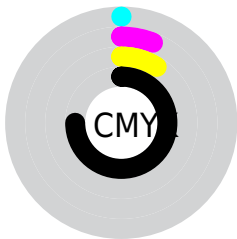
 Blue (23%)



 Red (25%)

 Yellow (24%)

 Blue (23%)



 Cyan (0%)

 Magenta (6%)

 Yellow (9%)

 Black (75%)



 Cyan (75%)

 Magenta (76%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.8565, -0.3697, 2.2372 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 21.8565, -0.3697, 2.2372 by changing the saturation by 10% instead.

■ 21.8565, -0.3697,
2.2372

■ 21.8565, -0.3697,
2.2372

■ 121.5124, -5.0848,
8.5030

■ 14.5505, -0.0796,
1.6997

■ 39.1608, -1.1257,
3.4148

■ 8.2114, 0.2464,
1.3772

■ 48.9926, -1.5766,
4.0528

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.5323, -2.0703,
4.7221

0.0000, NaN, NaN

■ 70.7352, -2.6035,
5.4218

0.0000, NaN, NaN

■ 82.5641, -3.1736,
6.1507

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.9875, -3.7783,

107.9782, -4.4159,
7.6922

■ 21.8565, -0.3697,
2.2372

■ 21.8565, -0.3697,
2.2372

■ 20.6640, 0.6197,
3.2519

■ 23.0875, -1.2958,
1.1647

■ 19.5124, 1.6794,
4.1988

■ 24.3522, -2.1625,
0.0409

■ 18.4067, 2.8136,
5.0676

■ 25.6482, -2.9756,
-1.1279

■ 17.3517, 4.0256,
5.8460

■ 26.9730, -3.7403,
-2.3365

■ 16.3533, 5.3163,
6.5195

■ 28.3242, -4.4613,
-3.5807

■ 15.4176, 6.6826,
7.0721

■ 29.7001, -5.1430,
-4.8570

■ 14.5515, 8.1157,
7.4874

■ 31.0988, -5.7891,
-6.1623

■ 13.7601, 9.5889,
7.7807

■ 32.5189, -6.4033,
-7.4941

■ 13.0358, 11.0084,
8.1600

■ 33.9591, -6.9886,
-8.8504

Harmonies

Analogous

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



21.8570, 0.0971, 1.7369



21.8565, -0.3697, 2.2372



21.8570, -1.0468, 2.4571

Triad

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



21.8570, -0.3703, 2.2375



21.8570, -2.5248, 1.3040



21.8570, -0.5815, -0.0335

Complementary

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



21.8565, -0.3697, 2.2372



22.0599, -1.9073, 0.1185

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.



21.8570, -1.2877, -0.1584



21.8565, -0.3697, 2.2372



21.8570, -2.4038, 0.6280

Square

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



21.8570, -0.3703, 2.2375



21.8570, -2.2859, 1.9293



21.8570, -1.9533, 0.0873



21.8570, -0.0260, 0.4234

Rectangle

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



21.8565, -0.3697, 2.2372



21.8570, -1.5231, 2.4198



21.8570, -1.9533, 0.0873



21.8570, -0.8094, -0.1163

Sweetspot

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



21.8570, -0.3703, 2.2375



29.3268, -1.2229, 2.0617



21.4725, 1.0052, 0.2638



15.3472, -0.6075, 1.1224



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



21.8570, -0.3703, 2.2375



28.0078, -0.2012, 3.2038



22.5974, -1.6072, 3.0399



11.8135, -0.2347, 1.1660



18.9376, 18.1757, 11.9875



45.7419, 50.1747, 29.0643

Inverse Universe

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



22.0599, -1.9073, 0.1185



28.3340, -2.6725, -0.2032



21.3149, -0.6739, -0.7888



11.9147, -1.0011, 0.1093



21.4325, -4.0334, -18.0818



52.0314, -7.5419, -48.7540

Previews

White Background



This preview shows how the HunterLab color 21.8565, -0.3697, 2.2372 looks on a white background.

Color Contrast Check

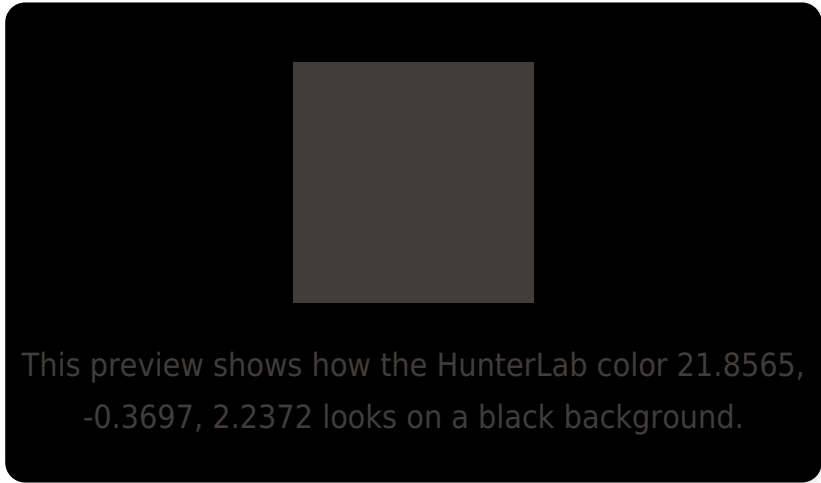
Large Text (above 18pt) WCAG AA ✓ Pass

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

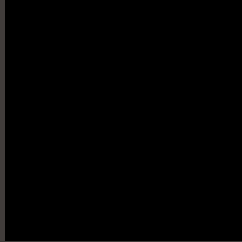
Any Text WCAG AA × Fail

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 21.8565, -0.3697, 2.2372 Background



This preview shows how black text looks on a background with the HunterLab color 21.8565, -0.3697, 2.2372.



This preview shows how white text looks on a background with the HunterLab color 21.8565, -0.3697,

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

21.8565, -0.3697, 2.2372

Protanopia

21.7026, -0.9015, 2.0534

Deuteranopia

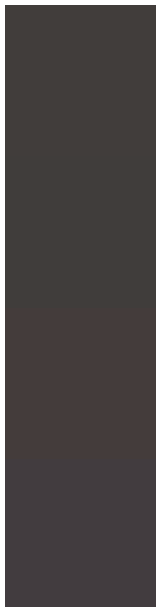
21.9379, 1.1488, 2.3555



Tritanopia

21.8440, 1.1334, -0.0940

Trichromacy



Original Color

21.8565, -0.3697, 2.2372

Protanomaly

21.7790, -0.6370, 2.1448

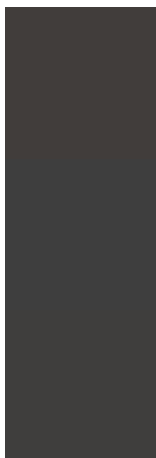
Deuteranomaly

21.8550, 0.8690, 2.2572

Tritanomaly

21.7919, 0.8526, 0.6483

Monochromacy



Original Color

21.8565, -0.3697, 2.2372

Achromatopsia

21.9481, -1.1711, 1.1925

Achromatomaly

21.9976, -1.0486, 1.6370

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.8565, -0.3697, 2.2372 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(65, 61, 59)` looks like.

```
.text, #text, p{  
    color:rgb(65, 61, 59)  
}
```

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(65, 61, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 61, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 21.8565, -0.3697, 2.2372 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(65, 61, 59) }
```


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

```
.border{ border-color:rgb(65, 61, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 61, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 61, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 61, 59);  
box-shadow:4px 4px 4px 4px rgb(65, 61, 59)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.8565, -0.3697, 2.2372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 61, 59) }
```

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

```
.background{ background-color: rgb(65, 61,  
59) }
```

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