

Converting Colors

HunterLab(21.5370, -0.6909,
5.5608)

Have a look what the booklet for
HunterLab(21.5370, -0.6909, 5.5608)
contains.

HunterLab(21.5370, -0.6909, 5.5608) 3
 ***Conversions** 4*
 ***Details** 6*
 ***Harmonies** 12*
 ***Previews** 24*
 ***Color Blindness Simulation** 28*
 ***CSS Examples** 31*

Color

**HunterLab(21.5370, -0.6909,
5.5608)**

Conversions

Conversions Part 1	
Format	Color
Hex	433C30
RGB	67, 60, 48
RGB Percent	26%, 24%, 19%
CMY	0.7373, 0.7647, 0.8118
CMYK	0.00, 0.10, 0.28, 0.74
HSL	38°, 17%, 23%
HSV	38°, 28%, 26%
XYZ	4.4641, 4.6384, 3.4563
YIQ	60.7250, 8.0240, -2.2480

Conversions

Conversions Part 2

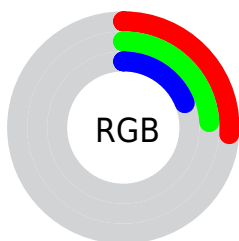
Format	Color
RYB	59, 67, 48
Decimal	4406320
CIELab	25.68, 0.75, 8.53
CIELCh	26, 8.567, 84.986
Yxy	4.6386, 0.3555, 0.3693
Android (android.graphics.Color)	4282596400 (0xFF433C30)
YUV	60.7250, -6.2734, 5.5032
Hunter-Lab	21.5370, -0.6909, 5.5608

Details

The HunterLab color **21.5370, -0.6909, 5.5608** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.4060, -0.8633, -4.2813**, and the grayscale version is **21.5266, -1.1486, 1.1696**.

A 20% lighter version of the original color is **38.6890, -1.5067, 7.5852**, and **7.9955, -0.2130, 4.9231** is the 20% darker color. If you saturate the color by 10%, you get **20.8203, -0.3422, 6.7708**, and if you desaturate by 10%, it is **22.2775, -0.9620, 4.1906**.

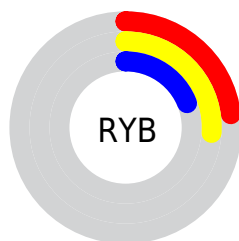
Distribution



Red (26%)

Green (24%)

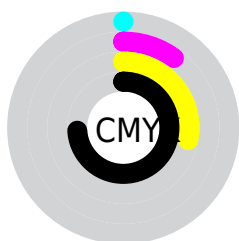
Blue (19%)



Red (23%)

Yellow (26%)

Blue (19%)

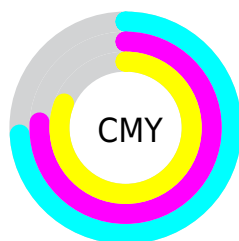


Cyan (0%)

Magenta (10%)

Yellow (28%)

Black (74%)



Cyan (74%)

Magenta (76%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.5370, -0.6909, 5.5608 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 21.5370, -0.6909, 5.5608 by changing the saturation by 10% instead.

■ 21.5370, -0.6909,
5.5608

■ 21.5370, -0.6909,
5.5608

120.9455, -5.6467,
15.0617

■ 14.2718, -0.3618,
4.4560

■ 38.7724, -1.5136,
7.6660

■ 7.9293, -0.0121,
4.8931

■ 48.5741, -1.9938,
8.7021

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.0856, -2.5149,
9.7392

0.0000, NaN, NaN

■ 70.2620, -3.0739,
10.7820

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.0658, -3.6684,
11.8339

0.0000, NaN, NaN

■ 94.4654, -4.2965,

12.8968

0.0000, NaN, NaN

107.4332, -4.9564,
13.9724

■ 21.5370, -0.6909,
5.5608

■ 21.5370, -0.6909,
5.5608

■ 20.8203, -0.3422,
6.7708

■ 22.2775, -0.9620,
4.1906

■ 20.1270, 0.0890,
7.8106

■ 23.0391, -1.1568,
2.6687

■ 19.4587, 0.6043,
8.6725

■ 23.8214, -1.2795,
1.0045

■ 18.8164, 1.2050,
9.3493

■ 24.6233, -1.3339,
-0.7930

■ 18.2011, 1.8911,
9.8364

■ 25.4439, -1.3236,
-2.7149

■ 17.6127, 2.6562,
10.1453

■ 26.2822, -1.2523,
-4.7532

■ 17.0402, 3.4362,
10.4503

■ 27.1373, -1.1236,
-6.9001

■ 16.9474, 3.5638,
10.5053

■ 28.0085, -0.9409,
-9.1483

■ 28.8949, -0.7074,
-11.4914

Harmonies

Analogous

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



21.5375, 1.9319, 4.8604



21.5370, -0.6909, 5.5608



21.5375, -3.3143, 5.2102

Triad

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



21.5375, -0.6916, 5.5611



21.5375, -5.6868, -1.0357



21.5375, 3.3005, -1.8805

Complementary

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



21.5370, -0.6909, 5.5608



19.4060, -0.8633, -4.2813

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.



21.5375, 1.1026, -3.8397



21.5370, -0.6909, 5.5608



21.5375, -4.0684, -3.3111

Square

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



21.5375, -0.6916, 5.5611



21.5375, -6.1144, 1.6024



21.5375, -1.6053, -4.3930



21.5375, 4.3085, 0.7332

Rectangle

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



21.5370, -0.6909, 5.5608



21.5375, -4.7227, 4.4013



21.5375, -1.6053, -4.3930



21.5375, 2.6712, -2.6497

Sweetspot

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



21.5375, -0.6916, 5.5611



29.8136, -1.4807, 3.6735



18.9363, 5.2093, 0.3308



15.1399, -0.7461, 1.9408



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.



21.5375, -0.6916, 5.5611



27.3068, -0.5898, 8.3481



23.1175, -4.1158, 7.0009



12.0329, -0.6033, 1.4062



24.2809, 6.0204, 15.0672



59.3140, 18.0807, 36.8655

Inverse Universe

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



19.4060, -0.8633, -4.2813



23.8821, -0.8345, -7.5247



17.8965, 2.5551, -6.5199



11.6923, -0.6351, -0.1586



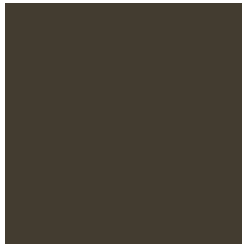
14.5065, 8.7546, -37.0305



33.9667, 27.6663, -102.1791

Previews

White Background



This preview shows how the HunterLab color 21.5370, -0.6909, 5.5608 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



This preview shows how the HunterLab color 21.5370, -0.6909, 5.5608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

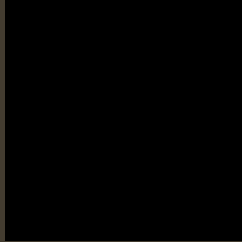
Any Text WCAG AA × Fail

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 21.5370, -0.6909, 5.5608 Background



This preview shows how black text looks on a background with the HunterLab color 21.5370, -0.6909, 5.5608.

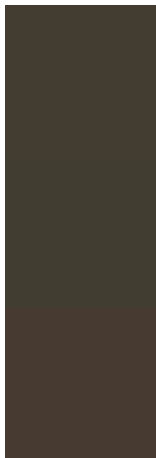


This preview shows how white text looks on a background with the HunterLab color 21.5370, -0.6909,

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

21.5370, -0.6909, 5.5608

Protanopia

21.6211, -1.6580, 5.6257

Deuteranopia

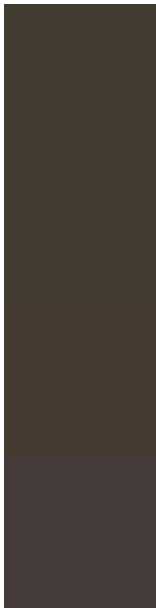
21.3988, 1.2994, 5.4609



Tritanopia

21.5643, 2.5286, 0.4025

Trichromacy



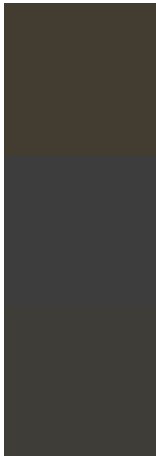
Original Color
21.5370, -0.6909, 5.5608

Protanomaly
21.7005, -1.3802, 5.7076

Deuteranomaly
21.5486, 0.5871, 5.5945

Tritanomaly
21.5925, 1.1626, 2.3339

Monochromacy



Original Color
21.5370, -0.6909, 5.5608

Achromatopsia
21.6021, -1.1526, 1.1737

Achromatomaly
21.6328, -1.2836, 3.0534

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.5370, -0.6909, 5.5608 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(67, 60, 48) looks like.

```
.text, #text, p{  
    color:rgb(67, 60, 48)  
}
```

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(67, 60, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 60, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 21.5370, -0.6909, 5.5608 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(67, 60, 48) }
```


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

```
.border{ border-color:rgb(67, 60, 48) }
```

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

Here you see how a box with a 4 pixel rgb(67, 60, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 60, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 60, 48);  
box-shadow:4px 4px 4px 4px rgb(67, 60, 48)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.5370, -0.6909, 5.5608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 60, 48) }
```

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

```
.background{ background-color: rgb(67, 60,  
48) }
```

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