

Converting Colors

HunterLab(21.4470, 15.4236,
9.1999)

Have a look what the booklet for
HunterLab(21.4470, 15.4236,
9.1999) contains.

HunterLab(21.3764, 15.4907, 9.2457)	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(21.3764, 15.4907,
9.2457)**

Conversions

Conversions Part 1	
Format	Color
Hex	632C22
RGB	99, 44, 34
RGB Percent	39%, 17%, 13%
CMY	0.6118, 0.8274, 0.8667
CMYK	0.00, 0.56, 0.66, 0.61
HSL	9°, 49%, 26%
HSV	9°, 66%, 39%
XYZ	6.3350, 4.5695, 2.0615
YIQ	59.3050, 35.9900, 8.5500

Conversions

Conversions Part 2

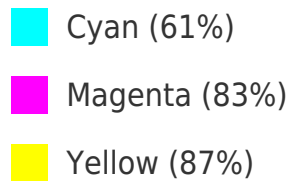
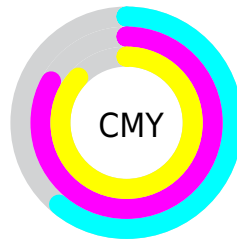
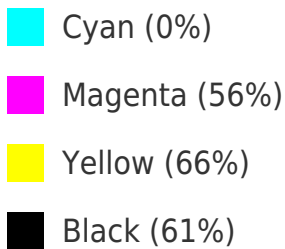
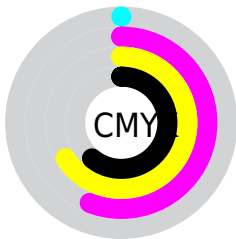
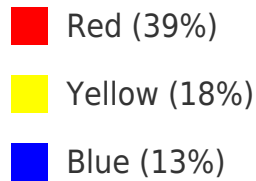
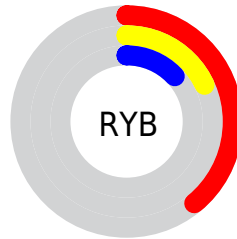
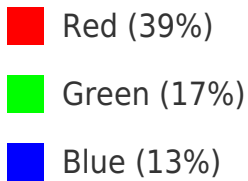
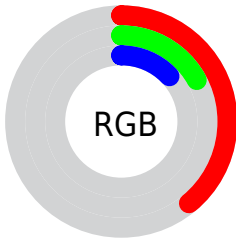
Format	Color
RYB	99, 46, 34
Decimal	6499362
CIELab	25.47, 23.97, 18.20
CIELCh	25, 30.093, 37.209
Yxy	4.5698, 0.4886, 0.3524
Android (android.graphics.Color)	4284689442 (0xFF632C22)
YUV	59.3050, -12.4754, 34.8125
Hunter-Lab	21.3764, 15.4907, 9.2457

Details

The HunterLab color **21.3764, 15.4907, 9.2457** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **28.9572, -10.7062, -6.5136**, and the grayscale version is **21.0511, -1.1232, 1.1437**.

A 20% lighter version of the original color is **38.4954, 17.4386, 12.6331**, and **7.9270, 13.5753, 5.1223** is the 20% darker color. If you saturate the color by 10%, you get **19.8955, 18.3964, 9.9899**, and if you desaturate by 10%, it is **23.0733, 12.5633, 8.3396**.











Distribution



Brightness & Saturation Gradients


These gradients show how the HunterLab color 21.3764, 15.4907, 9.2457 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 21.3764, 15.4907, 9.2457 by changing the saturation by 10% instead.


 21.3764, 15.4907, 9.2457	 21.3764, 15.4907, 9.2457
120.6600, 20.6426, 23.8621	 14.1319, 14.3304, 7.4055
 38.5771, 17.3547, 12.8513	 7.7832, 13.9656, 5.4483
 48.3635, 18.0957, 14.5225	0.0000, INF, NaN
 58.8608, 18.7296, 16.1414	0.0000, NaN, NaN
 70.0238, 19.2683, 17.7236	0.0000, NaN, NaN
 81.8149, 19.7216, 19.2798	0.0000, NaN, NaN
 94.2024, 20.0976,	0.0000, NaN, NaN


20.8180


0.0000, NaN, NaN


 107.1587, 20.4027,
22.3440

 21.3764, 15.4907,
9.2457


 21.3764, 15.4907,
9.2457


 19.8955, 18.3964,
9.9899


 23.0733, 12.5633,
8.3396


 18.6555, 21.1634,
10.5228


 24.9572, 9.6984,
7.3154

 17.6736, 23.6090,
10.8894

 27.0037, 6.9391,
6.2090

 17.3233, 24.4989,
11.1034

 29.1907, 4.3045,
5.0466

 31.4996, 1.7978,
3.8465

■ 33.9148, -0.5866,
2.6207

■ 36.4235, -2.8588,
1.3772

■ 39.0148, -5.0305,
0.1211

■ 41.6800, -7.1138,
-1.1445

Harmonies

Analogous

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



21.3770, 20.2334, 3.2366



21.3764, 15.4907, 9.2457



21.3770, 6.4262, 11.8005

Triad

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



21.3770, 15.4892, 9.2460



21.3770, -15.5428, 6.8725



21.3770, 1.2055, -24.3442

Complementary

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



21.3764, 15.4907, 9.2457



28.9572, -10.7062, -6.5136

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.



21.3770, -7.7844, -21.9382



21.3764, 15.4907, 9.2457



21.3770, -16.4473, -1.1403

Square

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



21.3770, 15.4892, 9.2460



21.3770, -11.1287, 10.9089



21.3770, -13.8611, -12.2819



21.3770, 11.1002, -17.8843

Rectangle

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



21.3764, 15.4907, 9.2457



21.3770, -0.2425, 12.2762



21.3770, -13.8611, -12.2819



21.3770, -2.0264, -24.5799

Sweetspot

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



21.3770, 15.4892, 9.2460



39.7521, 3.9476, 5.8155



21.2655, 26.0023, -12.9455



19.1033, 2.2281, 2.9798



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



21.3770, 15.4892, 9.2460



25.1081, 26.1586, 13.5130



28.2339, 1.3958, 14.2439



16.2661, 0.0801, 1.4802



19.6649, 28.3287, 12.6134



44.4848, 68.5776, 28.6119

Inverse Universe

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



28.9572, -10.7062, -6.5136



36.5561, -14.6383, -10.5737



20.3533, 2.6424, -21.7987



16.8336, -1.7877, 0.3202



30.5724, -12.5032, -11.2221



69.9261, -27.9332, -27.1017

Previews

White Background



This preview shows how the HunterLab color 21.3764, 15.4907, 9.2457 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 21.3764, 15.4907, 9.2457 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 21.3764, 15.4907, 9.2457 Background



This preview shows how black text looks on a background with the HunterLab color 21.3764, 15.4907, 9.2457.

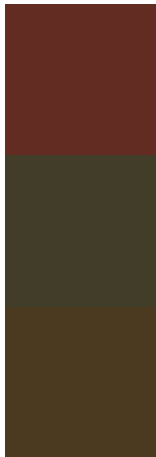


This preview shows how white text looks on a background with the HunterLab color 21.3764, 15.4907,

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

21.3764, 15.4907, 9.2457

Protanopia

21.5614, -2.1464, 7.7282

Deuteranopia

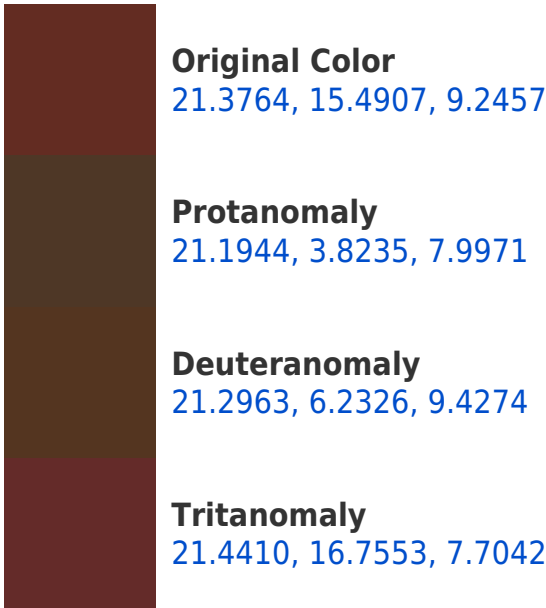
21.4963, 1.0939, 9.6896



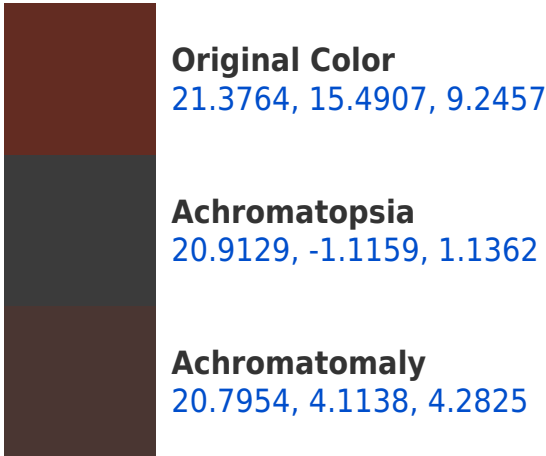
Tritanopia

21.3418, 17.4951, 6.5600

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.3764, 15.4907, 9.2457 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(99, 44, 34) looks like.

```
.text, #text, p{  
    color:rgb(99, 44, 34)  
}
```

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(99, 44, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 44, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 21.3764, 15.4907, 9.2457 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(99, 44, 34) }
```


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

```
.border{ border-color:rgb(99, 44, 34) }
```

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

Here you see how a box with a 4 pixel rgb(99, 44, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 44, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 44, 34);  
box-shadow:4px 4px 4px 4px rgb(99, 44, 34)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.3764, 15.4907, 9.2457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 44, 34) }
```

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

```
.background{ background-color: rgb(99, 44,  
34) }
```

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