

Converting Colors

HunterLab(21.3552, 36.6178,
13.4394)

Have a look what the booklet for
HunterLab(21.3552, 36.6178,
13.4394) contains.

HunterLab(21.2673, 36.4724, 13.3430)	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(21.2673, 36.4724,
13.3430)**

Conversions

Conversions Part 1	
Format	Color
Hex	7F0005
RGB	127, 0, 5
RGB Percent	50%, 0%, 2%
CMY	0.5020, 0.9999, 0.9804
CMYK	0.00, 1.00, 0.96, 0.50
HSL	358°, 100%, 25%
HSV	358°, 100%, 50%
XYZ	8.7798, 4.5230, 0.5539
YIQ	38.5430, 74.0870, 28.4790

Conversions

Conversions Part 2

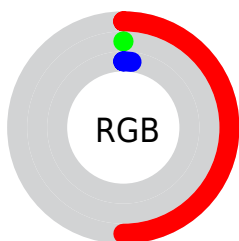
Format	Color
RYB	127, 0, 5
Decimal	8323077
CIELab	25.33, 47.87, 35.75
CIELCh	25, 59.749, 36.752
Yxy	4.5233, 0.6336, 0.3264
Android (android.graphics.Color)	4286513157 (0xFF7F0005)
YUV	38.5430, -16.5367, 77.5768
Hunter-Lab	21.2673, 36.4724, 13.3430

Details

The HunterLab color **21.2673, 36.4724, 13.3430** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **40.7237, -22.5989, -2.1152**, and the grayscale version is **14.1339, -0.7542, 0.7679**.

A 20% lighter version of the original color is **38.3295, 40.1153, 19.6530**, and **11.0858, 18.9847, 7.1634** is the 20% darker color. If you saturate the color by 10%, you get **21.2671, 36.4720, 13.3440**, and if you desaturate by 10%, it is **21.9857, 34.5578, 12.6999**.

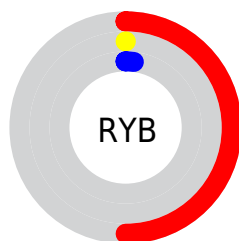
Distribution



Red (50%)

Green (0%)

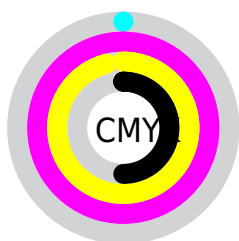
Blue (2%)



Red (50%)

Yellow (0%)

Blue (2%)

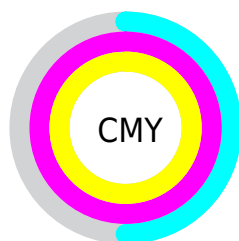


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (50%)



Cyan (50%)


Magenta (100%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 21.2673, 36.4724, 13.3430 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 21.2673, 36.4724, 13.3430 by changing the saturation by 10% instead.


 21.2673, 36.4724,
13.3430


 21.2673, 36.4724,
13.3430

 120.4658, 49.9270,
37.8836


 14.0370, 34.6154,
9.8259

 38.4444, 40.1853,
19.7138

 7.6823, 34.8455,
5.3776


 48.2203, 41.8976,
22.6453

0.0000, INF, NaN


 58.7080, 43.4954,
25.4212

0.0000, NaN, NaN

0.0000, NaN, NaN

 69.8619, 44.9811,
28.0749

0.0000, NaN, NaN

 81.6444, 46.3606,
30.6312


0.0000, NaN, NaN


0.0000, NaN, NaN


 94.0236, 47.6405,


33.1089


0.0000, NaN, NaN


 106.9721, 48.8272,
35.5226

 21.2673, 36.4724,
13.3430


 21.2673, 36.4724,
13.3430


 21.2671, 36.4720,
13.3440

 21.9857, 34.5578,
12.6999

 23.0561, 31.9285,
11.7092

 24.6372, 28.3218,
10.4945

 26.6984, 24.0764,
9.1754

 29.1852, 19.5186,
7.8522

■ 32.0368, 14.8870,
6.5896

■ 35.1963, 10.3243,
5.4195

■ 38.6143, 5.9000,
4.3512

■ 42.2507, 1.6381,
3.3817

Harmonies

Analogous

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



21.2680, 48.2581, 4.8311



21.2673, 36.4724, 13.3430



21.2680, 15.1747, 14.8876

Triad

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



21.2680, 36.4696, 13.3434



21.2680, -25.2699, 10.7756



21.2680, 3.3031, -69.6212

Complementary

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



21.2673, 36.4724, 13.3430



40.7237, -22.5989, -2.1152

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.



21.2680, -13.6526, -61.2972



21.2673, 36.4724, 13.3430



21.2680, -26.5144, -3.3163

Square

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



21.2680, 36.4696, 13.3434



21.2680, -18.7914, 14.8876



21.2680, -23.1081, -31.6082



21.2680, 25.2383, -49.2660

Rectangle

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



21.2673, 36.4724, 13.3430



21.2680, 0.9603, 14.8876



21.2680, -23.1081, -31.6082



21.2680, -3.1540, -70.2409

Sweetspot

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



21.2680, 36.4696, 13.3434



46.7803, 14.2538, 7.3615



23.6058, 46.9130, -35.0634



21.8928, 7.9394, 3.8252



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



21.2680, 36.4696, 13.3434



28.4504, 48.7723, 17.9954



27.3019, 19.0621, 17.1561



20.8489, 0.6210, 1.6159



21.3576, 36.6270, 13.4026

0.0000, NaN, NaN

Inverse Universe

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



21.2680, 36.4696, 13.3434



28.4504, 48.7723, 17.9954



24.2792, 1.7124, -34.0412



20.8489, 0.6210, 1.6159

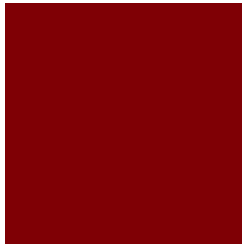


21.3576, 36.6270, 13.4026

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 21.2673, 36.4724, 13.3430 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 21.2673, 36.4724, 13.3430 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 21.2673, 36.4724, 13.3430 Background



This preview shows how black text looks on a background with the HunterLab color 21.2673, 36.4724, 13.3430.



This preview shows how white text looks on a background with the HunterLab color 21.2673, 36.4724,

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

21.2673, 36.4724, 13.3430

Protanopia

22.5570, -2.9544, 12.3436

Deuteranopia

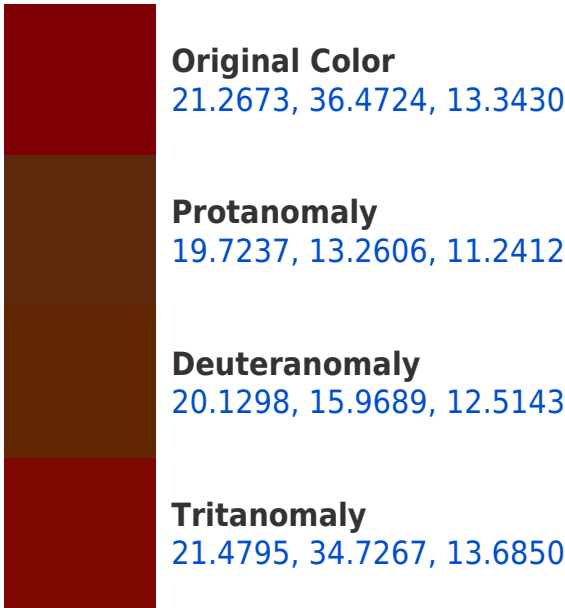
22.5540, 0.5936, 13.9080



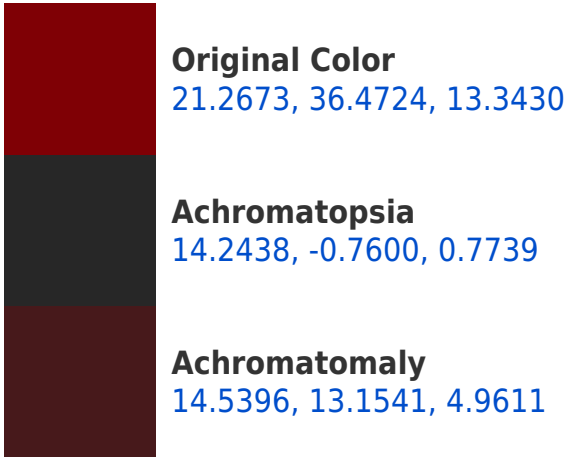
Tritanopia

21.6762, 34.0035, 13.9520

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2673, 36.4724, 13.3430 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(127, 0, 5)` looks like.

```
.text, #text, p{  
    color:rgb(127, 0, 5)  
}
```

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(127, 0, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 0, 5) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2673, 36.4724, 13.3430 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(127, 0, 5) }
```


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

```
.border{ border-color:rgb(127, 0, 5) }
```

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

Here you see how a box with a 4 pixel rgb(127, 0, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 0, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(127, 0, 5); box-shadow:4px  
4px 4px 4px rgb(127, 0, 5) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.2673, 36.4724, 13.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 0, 5) }
```

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

```
.background{ background-color: rgb(127, 0,  
5) }
```

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