

# Converting Colors

HunterLab(21.5061, 38.0803,  
4.2039)

Have a look what the booklet for  
HunterLab(21.5061, 38.0803,  
4.2039) contains.

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# Color

**HunterLab(21.5089, 38.0729,  
4.2998)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D0036
RGB	125, 0, 54
RGB Percent	49%, 0%, 21%
CMY	0.5098, 0.9999, 0.7882
CMYK	0.00, 1.00, 0.57, 0.51
HSL	334°, 100%, 25%
HSV	334°, 100%, 49%
XYZ	9.1233, 4.6263, 3.9022
YIQ	43.5310, 57.1660, 43.2940

# Conversions

## Conversions Part 2

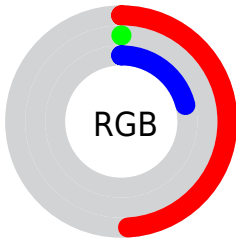
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 0, 54
Decimal	8192054
CIE Lab	25.64, 49.44, 5.86
CIE LCh	26, 49.783, 6.759
Yxy	4.6266, 0.5168, 0.2621
Android (android.graphics.Color)	4286382134 (0xFF7D0036)
YUV	43.5310, 5.1612, 71.4483
Hunter-Lab	21.5089, 38.0729, 4.2998

# Details

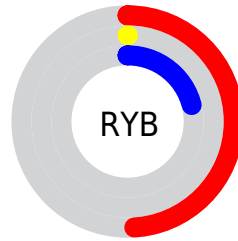
The HunterLab color **21.5089, 38.0729, 4.2998** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **38.8875, -29.1675, 14.3595**, and the grayscale version is **15.6894, -0.8371, 0.8524**.

A 20% lighter version of the original color is **38.7320, 42.0686, 6.1470**, and **11.4970, 19.8605, 6.0993** is the 20% darker color. If you saturate the color by 10%, you get **21.5087, 38.0722, 4.3022**, and if you desaturate by 10%, it is **22.3015, 36.5318, 2.6064**.

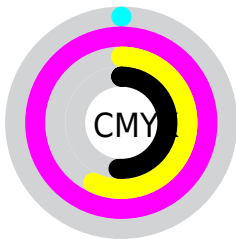
# Distribution



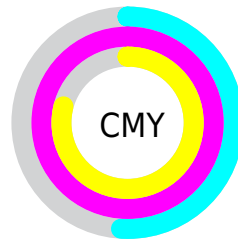
- Red (49%)
- Green (0%)
- Blue (21%)



- Red (49%)
- Yellow (0%)
- Blue (21%)



- Cyan (0%)
- Magenta (100%)
- Yellow (57%)
- Black (51%)



- Cyan (51%)
- Magenta (100%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.5089, 38.0729, 4.2998 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 21.5089, 38.0729, 4.2998 by changing the saturation by 10% instead.



■ 21.5089, 38.0729,  
4.2998

■ 21.5089, 38.0729,  
4.2998

■ 120.8958, 51.9595,  
12.4701

■ 14.2474, 36.2007,  
3.4320

■ 38.7385, 41.8652,  
6.0208

■ 7.9041, 36.0943,  
3.5029

■ 48.5374, 43.6259,  
6.8927

0.0000, INF, NaN

0.0000, NaN, NaN

■ 59.0465, 45.2741,  
7.7785

0.0000, NaN, NaN

■ 70.2206, 46.8111,  
8.6806

0.0000, NaN, NaN

■ 82.0222, 48.2419,  
9.6001


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 94.4196, 49.5728,

10.5379


0.0000, NaN, NaN


 107.3855, 50.8100,  
11.4945


 21.5089, 38.0729,  
4.2998


 21.5089, 38.0729,  
4.2998


 21.5087, 38.0722,  
4.3022

 22.3015, 36.5318,  
2.6064

 23.4001, 34.2249,  
1.0796

 24.9549, 30.8301,  
-0.0279

 26.9401, 26.6465,  
-0.6790

 29.3106, 21.9840,  
-0.8973

■ 32.0151, 17.0889,  
-0.7388

■ 35.0048, 12.1264,  
-0.2681

■ 38.2366, 7.1930,  
0.4543

■ 41.6747, 2.3373,  
1.3777

# Harmonies

## Analogous

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



21.5096, 34.4645, -13.6295



21.5089, 38.0729, 4.2998



21.5096, 28.9826, 12.2759

# Triad

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



21.5096, 38.0704, 4.3004



21.5096, -16.4707, 14.2225



21.5096, -11.8668, -45.8687

# Complementary

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



21.5089, 38.0729, 4.2998



38.8875, -29.1675, 14.3595

# 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.



21.5096, -20.4700, -24.2793



21.5089, 38.0729, 4.2998



21.5096, -22.5424, 9.7344

# Square

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



21.5096, 38.0704, 4.3004



21.5096, -4.6070, 15.0567



21.5096, -23.7591, -2.5136



21.5096, 2.5426, -51.7948



# Rectangle

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



21.5089, 38.0729, 4.2998



21.5096, 18.1538, 14.5603



21.5096, -23.7591, -2.5136



21.5096, -15.3907, -39.7042

# Sweetspot

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



21.5096, 38.0704, 4.3004



46.5368, 16.7164, -0.4176



16.7764, 37.5512, -57.5742



21.5235, 9.0630, -0.3182



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703



# Same Dimension

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



21.5096, 38.0704, 4.3004



28.7334, 50.7675, 6.4689



21.3100, 34.3092, 13.7307



20.9110, 0.9553, 0.7304



21.9705, 38.8838, 4.4404

0.0000, NaN, NaN



# Inverse Universe

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



21.5096, 38.0704, 4.3004



28.7334, 50.7675, 6.4689



37.5845, -18.1639, -7.7654



20.9110, 0.9553, 0.7304



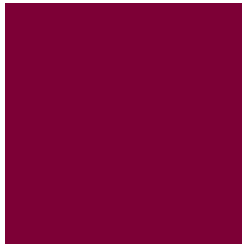
21.9705, 38.8838, 4.4404

0.0000, NaN, NaN



# Previews

## White Background



This preview shows how the HunterLab color 21.5089, 38.0729, 4.2998 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

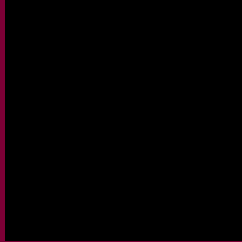
Any Text WCAG AA × Fail

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 21.5089, 38.0729, 4.2998 Background



This preview shows how black text looks on a background with the HunterLab color 21.5089, 38.0729, 4.2998.



This preview shows how white text looks on a background with the HunterLab color 21.5089, 38.0729,



# 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

21.5089, 38.0729, 4.2998

### Protanopia

22.8548, 0.3762, -5.1001

### Deuteranopia

22.8112, 1.2209, 6.5250



## Tritanopia

22.1654, 31.5499, 12.3128

# Trichromacy



## Original Color

21.5089, 38.0729, 4.2998

## Protanomaly

19.7810, 15.5067, -4.9071

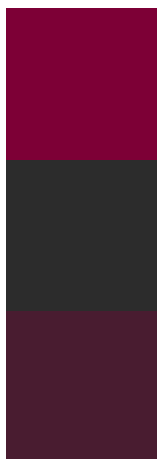
## Deuteranomaly

20.1736, 17.2470, 3.5280

## Tritanomaly

21.7002, 33.9485, 10.0346

# Monochromacy



## Original Color

21.5089, 38.0729, 4.2998

## Achromatopsia

15.8704, -0.8468, 0.8623

## Achromatomaly

15.6856, 14.6149, -0.6485

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 21.5089, 38.0729, 4.2998 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(125, 0, 54)` looks like.

```
.text, #text, p{  
    color:rgb(125, 0, 54)  
}
```

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(125, 0, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 0, 54) }
```

## Border

The CSS property to change the border of an element to HunterLab 21.5089, 38.0729, 4.2998 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(125, 0, 54) }
```



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

```
.border{ border-color:rgb(125, 0, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 0, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 0, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 0, 54);  
box-shadow:4px 4px 4px 4px rgb(125, 0, 54)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 21.5089, 38.0729, 4.2998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 0, 54) }
```

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

```
.background{ background-color: rgb(125, 0,  
54) }
```

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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