

# Converting Colors

HunterLab(21.5696, 33.4087,  
13.8759)

Have a look what the booklet for  
HunterLab(21.5696, 33.4087,  
13.8759) contains.

<b>HunterLab(21.5588, 33.4887, 13.8707)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(21.5588, 33.4887,  
13.8707)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D0D00
RGB	125, 13, 0
RGB Percent	49%, 5%, 0%
CMY	0.5098, 0.9490, 1.0000
CMYK	0.00, 0.90, 1.00, 0.51
HSL	6°, 100%, 25%
HSV	6°, 100%, 49%
XYZ	8.6014, 4.6478, 0.4438
YIQ	45.0060, 70.9250, 19.7010

# Conversions

## Conversions Part 2

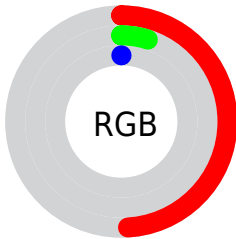
Format	Color
<a href="#">RYB</a>	125, 15, 0
Decimal	8195328
CIELab	25.71, 44.71, 37.98
CIELCh	26, 58.659, 40.345
Yxy	4.6481, 0.6281, 0.3394
Android (android.graphics.Color)	4286385408 (0xFF7D0D00)
YUV	45.0060, -22.1880, 70.1547
Hunter-Lab	21.5588, 33.4887, 13.8707

# Details

The HunterLab color **21.5588, 33.4887, 13.8707** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **36.1472, -16.3728, -9.8366**, and the grayscale version is **16.2576, -0.8675, 0.8833**.

A 20% lighter version of the original color is **38.7634, 37.0348, 20.4208**, and **10.9238, 18.7073, 7.0587** is the 20% darker color. If you saturate the color by 10%, you get **21.5595, 33.4861, 13.8711**, and if you desaturate by 10%, it is **22.4716, 31.0356, 13.4296**.

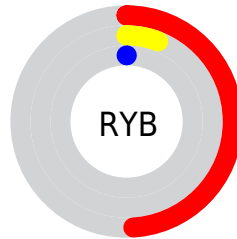
# Distribution



Red (49%)

Green (5%)

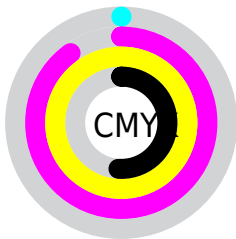
Blue (0%)



Red (49%)

Yellow (6%)

Blue (0%)

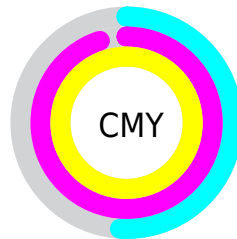


Cyan (0%)

Magenta (90%)

Yellow (100%)

Black (51%)



Cyan (51%)

Magenta (95%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.5588, 33.4887, 13.8707 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 21.5588, 33.4887, 13.8707 by changing the saturation by 10% instead.



■ 21.5588, 33.4887,  
13.8707

■ 21.5588, 33.4887,  
13.8707

■ 120.9846, 45.9504,  
39.5821

■ 14.2910, 31.6620,  
10.0037

■ 38.7992, 37.0124,  
20.4986

■ 7.9491, 31.2309,  
5.5644

■ 48.6029, 38.6106,  
23.5867

0.0000, INF, NaN

0.0000, NaN, NaN

■ 59.1164, 40.0912,  
26.5087

0.0000, NaN, NaN

■ 70.2946, 41.4594,  
29.2991

0.0000, NaN, NaN

■ 82.1002, 42.7224,  
31.9839

0.0000, NaN, NaN


0.0000, NaN, NaN

■ 94.5014, 43.8874,


34.5830


0.0000, NaN, NaN


 107.4708, 44.9613,  
37.1117


 21.5588, 33.4887,  
13.8707


 21.5588, 33.4887,  
13.8707


 21.5595, 33.4861,  
13.8711

 22.4716, 31.0356,  
13.4296

 23.7833, 27.7729,  
12.8486

 25.4923, 24.0104,  
11.9614

 27.5626, 20.0014,  
10.8429

 29.9504, 15.9413,  
9.5694

■ 32.6119, 11.9556,  
8.2025

■ 35.5073, 8.1110,  
6.7856

■ 38.6027, 4.4343,  
5.3466

■ 41.8698, 0.9285,  
3.9019

# Harmonies

## Analogous

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



21.5595, 46.5867, 6.4378



21.5588, 33.4887, 13.8707



21.5595, 12.2614, 15.0916

# Triad

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



21.5595, 33.4861, 13.8710



21.5595, -25.5703, 9.7739



21.5595, 5.6624, -66.4124

# Complementary

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



21.5588, 33.4887, 13.8707



36.1472, -16.3728, -9.8366

# 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.



21.5595, -11.9211, -61.8520



21.5588, 33.4887, 13.8707



21.5595, -26.2779, -5.8827

# Square

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



21.5595, 33.4861, 13.8710



21.5595, -19.7796, 15.0916



21.5595, -22.2165, -34.5711



21.5595, 27.2694, -44.2691



# Rectangle

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



21.5588, 33.4887, 13.8707



21.5595, -1.3669, 15.0916



21.5595, -22.2165, -34.5711



21.5595, -0.9353, -68.2226

# Sweetspot

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



21.5595, 33.4861, 13.8710



47.2250, 11.2202, 9.2195



23.5392, 45.3286, -23.6809



21.8750, 6.1867, 4.7101



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.



21.5595, 33.4861, 13.8710



28.6500, 45.4708, 18.4500



30.6465, 10.2833, 19.0642



21.0019, 0.3122, 1.8799



22.0122, 34.2539, 14.1635

0.0000, NaN, NaN



# Inverse Universe

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



36.1472, -16.3728, -9.8366



48.2436, -21.7478, -13.3531



19.3956, 10.6217, -47.1719



21.9382, -2.5146, 0.4659



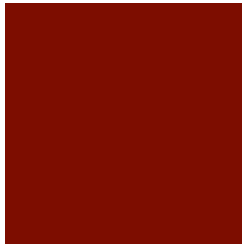
36.9207, -16.7167, -10.0612

0.0000, NaN, NaN



# Previews

## White Background



This preview shows how the HunterLab color 21.5588, 33.4887, 13.8707 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

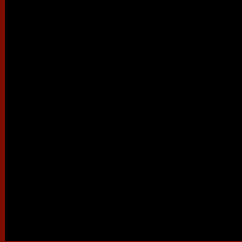
Any Text WCAG AA × Fail

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 21.5588, 33.4887, 13.8707 Background



This preview shows how black text looks on a background with the HunterLab color 21.5588, 33.4887, 13.8707.



This preview shows how white text looks on a background with the HunterLab color 21.5588, 33.4887,



# 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

21.5588, 33.4887, 13.8707

### Protanopia

22.5431, -3.0316, 12.5486

### Deuteranopia

22.4565, 0.2618, 13.8422



## Tritanopia

21.5994, 33.6459, 13.2679

# Trichromacy



## Original Color

21.5588, 33.4887, 13.8707

## Protanomaly

20.3048, 11.1256, 11.8680

## Deuteranomaly

20.7079, 13.1063, 12.9895

## Tritanomaly

21.5842, 33.5870, 13.4937

# Monochromacy



## Original Color

21.5588, 33.4887, 13.8707

## Achromatopsia

16.1991, -0.8643, 0.8801

## Achromatomaly

16.2243, 11.1012, 5.9438

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 21.5588, 33.4887, 13.8707 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, 13, 0)` looks like.

```
.text, #text, p{  
    color:rgb(125, 13, 0)  
}
```

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, 13, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 13, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 21.5588, 33.4887, 13.8707 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, 13, 0) }
```



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

```
.border{ border-color:rgb(125, 13, 0) }
```

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

Here you see how a box with a 4 pixel rgb(125, 13, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 13, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 13, 0);  
box-shadow:4px 4px 4px 4px rgb(125, 13, 0)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 21.5588, 33.4887, 13.8707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 13, 0) }
```

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

```
.background{ background-color: rgb(125, 13,  
0) }
```

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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