

Converting Colors

HunterLab(21.6497, 37.7067,
9.0988)

Have a look what the booklet for
HunterLab(21.6497, 37.7067,
9.0988) contains.

HunterLab(21.5536, 37.5310, 9.1237)	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(21.5536, 37.5310,
9.1237)**

Conversions

Conversions Part 1

Format	Color
Hex	7F0025
RGB	127, 0, 37
RGB Percent	50%, 0%, 15%
CMY	0.5020, 0.9999, 0.8549
CMYK	0.00, 1.00, 0.71, 0.50
HSL	343°, 100%, 25%
HSV	343°, 100%, 50%
XYZ	9.0863, 4.6456, 2.1680
YIQ	42.1910, 63.8150, 38.4310

Conversions

Conversions Part 2

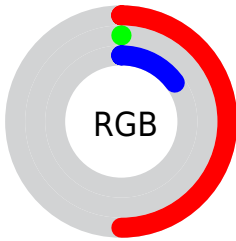
Format	Color
R_{YB}	127, 0, 37
Decimal	8323109
CIE Lab	25.70, 48.88, 17.69
CIE LCh	26, 51.980, 19.896
Yxy	4.6459, 0.5715, 0.2922
Android (android.graphics.Color)	4286513189 (0xFF7F0025)
YUV	42.1910, -2.5592, 74.3775
Hunter-Lab	21.5536, 37.5310, 9.1237

Details

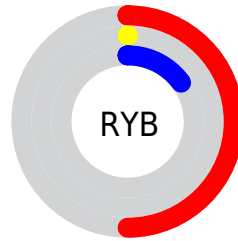
The HunterLab color **21.5536, 37.5310, 9.1237** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **39.8963, -27.6029, 9.7212**, and the grayscale version is **15.2743, -0.8150, 0.8299**.

A 20% lighter version of the original color is **38.7911, 41.3663, 12.7288**, and **11.4109, 19.5416, 7.3735** is the 20% darker color. If you saturate the color by 10%, you get **21.5534, 37.5303, 9.1258**, and if you desaturate by 10%, it is **22.3380, 35.9092, 7.5324**.

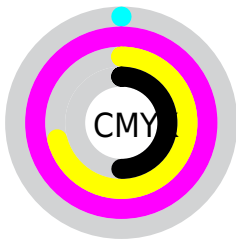
Distribution



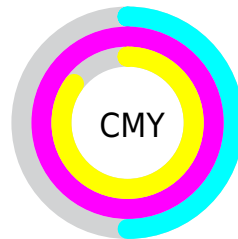
- Red (50%)
- Green (0%)
- Blue (15%)



- Red (50%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (71%)
- Black (50%)



- Cyan (50%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.5536, 37.5310, 9.1237 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 21.5536, 37.5310, 9.1237 by changing the saturation by 10% instead.

21.5536, 37.5310,
9.1237

21.5536, 37.5310,
9.1237

120.9753, 51.2501,
23.4524

14.2864, 35.6608,
7.2786

38.7929, 41.2931,
12.6424

7.9444, 35.4472,
5.5611

48.5961, 43.0348,
14.2775

0.0000, INF, NaN

0.0000, NaN, NaN

59.1091, 44.6631,
15.8637

0.0000, NaN, NaN

70.2869, 46.1801,
17.4158

0.0000, NaN, NaN

82.0921, 47.5909,
18.9442


0.0000, NaN, NaN


0.0000, NaN, NaN


94.4928, 48.9020,


20.4562


0.0000, NaN, NaN


 107.4619, 50.1197,
21.9575


 21.5536, 37.5310,
9.1237


 21.5536, 37.5310,
9.1237


 21.5534, 37.5303,
9.1258

 22.3380, 35.9092,
7.5324

 23.4541, 33.5280,
5.9017

 25.0514, 30.0827,
4.4824

 27.1008, 25.8868,
3.3610

 29.5524, 21.2574,
2.5651

■ 32.3509, 16.4397,
2.0806

■ 35.4438, 11.5921,
1.8723

■ 38.7857, 6.8031,
1.8988

■ 42.3388, 2.1138,
2.1205

Harmonies

Analogous

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



21.5543, 39.8188, -4.8213



21.5536, 37.5310, 9.1237



21.5543, 23.3293, 14.2123

Triad

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



21.5543, 37.5283, 9.1242



21.5543, -20.4458, 13.0057



21.5543, -6.4394, -54.7035

Complementary

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



21.5536, 37.5310, 9.1237



39.8963, -27.6029, 9.7212

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.



21.5543, -18.0175, -37.0286



21.5536, 37.5310, 9.1237



21.5543, -24.3365, 5.8247

Square

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



21.5543, 37.5283, 9.1242



21.5543, -10.9203, 15.0880



21.5543, -23.6065, -11.8316



21.5543, 10.7429, -50.8691

Rectangle

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



21.5536, 37.5310, 9.1237



21.5543, 10.8736, 15.0880



21.5543, -23.6065, -11.8316



21.5543, -11.0081, -50.7635

Sweetspot

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



21.5543, 37.5283, 9.1242



47.1189, 15.9815, 2.5145



19.1094, 40.7396, -49.8084



22.0726, 8.8460, 1.2498



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.



21.5543, 37.5283, 9.1242



28.8022, 50.0735, 12.8065



22.8583, 31.1293, 14.6291



20.8885, 0.8339, 1.0519



21.6447, 37.6883, 9.1722

0.0000, NaN, NaN

Inverse Universe

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



21.5543, 37.5283, 9.1242



28.8022, 50.0735, 12.8065



33.1016, -11.8582, -15.7742



20.8885, 0.8339, 1.0519

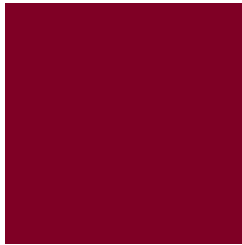


21.6447, 37.6883, 9.1722

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 21.5536, 37.5310, 9.1237 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

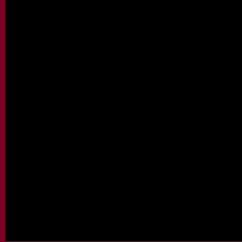
Any Text WCAG AA × Fail

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 21.5536, 37.5310, 9.1237 Background



This preview shows how black text looks on a background with the HunterLab color 21.5536, 37.5310, 9.1237.



This preview shows how white text looks on a background with the HunterLab color 21.5536, 37.5310,

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

21.5536, 37.5310, 9.1237

Protanopia

22.9899, -1.6923, 4.8152

Deuteranopia

22.9121, 1.0244, 10.7818



Tritanopia

21.9176, 33.6495, 13.1537

Trichromacy



Original Color

21.5536, 37.5310, 9.1237

Protanomaly

19.8069, 14.4198, 4.0869

Deuteranomaly

20.2540, 16.8154, 8.5628

Tritanomaly

21.6953, 34.8318, 12.0394

Monochromacy



Original Color

21.5536, 37.5310, 9.1237

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.3412, 14.1393, 1.9423

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.5536, 37.5310, 9.1237 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, 37)` looks like.

```
.text, #text, p{  
    color:rgb(127, 0, 37)  
}
```

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, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 0, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 21.5536, 37.5310, 9.1237 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, 37) }
```


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

```
.border{ border-color:rgb(127, 0, 37) }
```

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, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 0, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 0, 37);  
box-shadow:4px 4px 4px 4px rgb(127, 0, 37)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.5536, 37.5310, 9.1237 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, 37) }
```

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

```
.background{ background-color: rgb(127, 0,  
37) }
```

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