

Converting Colors

HunterLab(15.9012, 63.2447,
7.5706)

Have a look what the booklet for
HunterLab(15.9012, 63.2447,
7.5706) contains.

HunterLab(21.7654, 37.5963, 11.5646)	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(21.7654, 37.5963,
11.5646)**

Conversions

Conversions Part 1

Format	Color
Hex	810019
RGB	129, 0, 25
RGB Percent	51%, 0%, 10%
CMY	0.4941, 0.9999, 0.9020
CMYK	0.00, 1.00, 0.81, 0.49
HSL	348°, 100%, 25%
HSV	348°, 100%, 51%
XYZ	9.2287, 4.7373, 1.3477
YIQ	41.4210, 68.8590, 35.1230

Conversions

Conversions Part 2

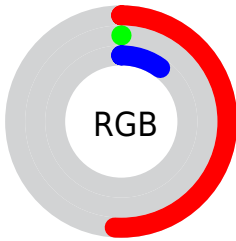
Format	Color
RYB	129, 0, 25
Decimal	8454169
CIELab	25.97, 48.89, 26.10
CIELCh	26, 55.423, 28.099
Yxy	4.7376, 0.6026, 0.3094
Android (android.graphics.Color)	4286644249 (0xFF810019)
YUV	41.4210, -8.0956, 76.8068
Hunter-Lab	21.7654, 37.5963, 11.5646

Details

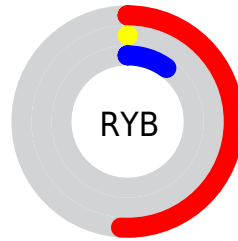
The HunterLab color **21.7654, 37.5963, 11.5646** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **40.8660, -26.3080, 5.7138**, and the grayscale version is **15.0401, -0.8025, 0.8172**.

A 20% lighter version of the original color is **39.0519, 41.5277, 16.4876**, and **11.5741, 19.8210, 7.4789** is the 20% darker color. If you saturate the color by 10%, you get **21.7652, 37.5958, 11.5664**, and if you desaturate by 10%, it is **22.5312, 35.8757, 10.2447**.

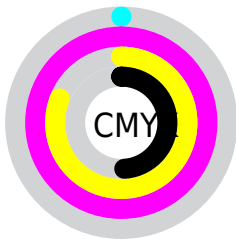
Distribution



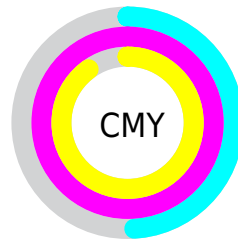
- Red (51%)
- Green (0%)
- Blue (10%)



- Red (51%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (81%)
- Black (49%)



- Cyan (49%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.7654, 37.5963, 11.5646 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 21.7654, 37.5963, 11.5646 by changing the saturation by 10% instead.

■ 21.7654, 37.5963,
11.5646

■ 21.7654, 37.5963,
11.5646

■ 121.3513, 51.2962,
30.5929

■ 14.4712, 35.7212,
9.7183

■ 39.0504, 41.3554,
16.4558

■ 8.1323, 35.1958,
5.6926

■ 48.8736, 43.0945,
18.6768

0.0000, INF, NaN

0.0000, NaN, NaN

■ 59.4054, 44.7202,
20.8001

0.0000, NaN, NaN

■ 70.6007, 46.2346,
22.8495

0.0000, NaN, NaN

■ 82.4225, 47.6430,
24.8423


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 94.8392, 48.9519,


26.7911


0.0000, NaN, NaN


 107.8234, 50.1677,
28.7055


 21.7654, 37.5963,
11.5646


 21.7654, 37.5963,
11.5646


 21.7652, 37.5958,
11.5664

 22.5312, 35.8757,
10.2447

 23.6505, 33.3899,
8.7290

 25.2726, 29.8511,
7.2567

 27.3668, 25.5867,
5.9409

 29.8801, 20.9231,
4.8441

■ 32.7536, 16.1075,
3.9841

■ 35.9319, 11.2955,
3.3499

■ 39.3671, 6.5704,
2.9172

■ 43.0199, 1.9674,
2.6581

Harmonies

Analogous

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



21.7661, 44.2009, 0.0865



21.7654, 37.5963, 11.5646



21.7661, 19.8317, 15.2363

Triad

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



21.7661, 37.5935, 11.5650



21.7661, -23.1307, 12.2721



21.7661, -2.2769, -62.0795

Complementary

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



21.7654, 37.5963, 11.5646



40.8660, -26.3080, 5.7138

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.



21.7661, -16.3502, -47.9047



21.7654, 37.5963, 11.5646



21.7661, -25.7563, 2.2287

Square

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



21.7661, 37.5935, 11.5650



21.7661, -14.9516, 15.2363



21.7661, -23.7386, -20.1651



21.7661, 17.2392, -50.8659

Rectangle

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



21.7654, 37.5963, 11.5646



21.7661, 6.2874, 15.2363



21.7661, -23.7386, -20.1651



21.7661, -7.7283, -59.9913

Sweetspot

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



21.7661, 37.5935, 11.5650



47.7679, 15.5733, 4.5341



21.1681, 43.7342, -44.3621



22.0001, 8.4810, 2.2866



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.



21.7661, 37.5935, 11.5650



29.0953, 50.1964, 15.9346



24.6967, 27.3907, 15.6964



20.8730, 0.7508, 1.2720



21.4928, 37.1276, 11.4037

0.0000, NaN, NaN

Inverse Universe

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



21.7661, 37.5935, 11.5650



29.0953, 50.1964, 15.9346



29.9147, -6.7360, -22.8477



20.8730, 0.7508, 1.2720

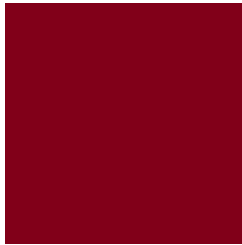


21.4928, 37.1276, 11.4037

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 21.7654, 37.5963, 11.5646 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

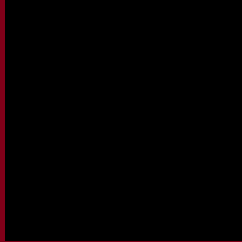
Any Text WCAG AA × Fail

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 21.7654, 37.5963, 11.5646 Background



This preview shows how black text looks on a background with the HunterLab color 21.7654, 37.5963, 11.5646.



This preview shows how white text looks on a background with the HunterLab color 21.7654, 37.5963,

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

21.7654, 37.5963, 11.5646

Protanopia

22.9492, -2.3985, 9.1402

Deuteranopia

22.9643, 0.9199, 12.9998



Tritanopia

22.1506, 35.1565, 14.2645

Trichromacy



Original Color

21.7654, 37.5963, 11.5646

Protanomaly

19.9416, 14.2914, 8.0386

Deuteranomaly

20.3733, 16.8162, 11.0554

Tritanomaly

21.9973, 35.9853, 13.4880

Monochromacy



Original Color

21.7654, 37.5963, 11.5646

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

15.0884, 14.0597, 3.2952

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.7654, 37.5963, 11.5646 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(129, 0, 25)` looks like.

```
.text, #text, p{  
    color:rgb(129, 0, 25)  
}
```

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(129, 0, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 0, 25) }
```

Border

The CSS property to change the border of an element to HunterLab 21.7654, 37.5963, 11.5646 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(129, 0, 25) }
```


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

```
.border{ border-color:rgb(129, 0, 25) }
```

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

Here you see how a box with a 4 pixel rgb(129, 0, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 0, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 0, 25);  
box-shadow:4px 4px 4px 4px rgb(129, 0, 25)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.7654, 37.5963, 11.5646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 0, 25) }
```

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

```
.background{ background-color: rgb(129, 0,  
25) }
```

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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