

# Converting Colors

HunterLab(21.6137, 15.8067,  
7.7431)

Have a look what the booklet for  
HunterLab(21.6137, 15.8067,  
7.7431) contains.

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# Color

**HunterLab(21.6553, 15.5513,  
7.8725)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	632D29
RGB	99, 45, 41
RGB Percent	39%, 18%, 16%
CMY	0.6118, 0.8235, 0.8392
CMYK	0.00, 0.55, 0.59, 0.61
HSL	4°, 41%, 27%
HSV	4°, 59%, 39%
XYZ	6.4842, 4.6895, 2.6612
YIQ	60.6900, 33.4680, 10.2040

# Conversions

## Conversions Part 2

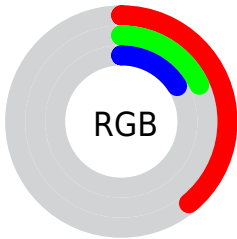
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 45, 41
Decimal	6499625
CIELab	25.83, 23.99, 14.08
CIELCh	26, 27.822, 30.408
Yxy	4.6898, 0.4687, 0.3390
Android (android.graphics.Color)	4284689705 (0xFF632D29)
YUV	60.6900, -9.7072, 33.5979
Hunter-Lab	21.6553, 15.5513, 7.8725

# Details

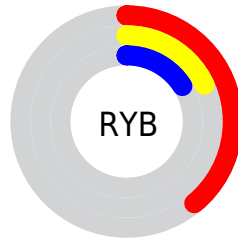
The HunterLab color **21.6553, 15.5513, 7.8725** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **30.9131, -12.1851, -3.8051**, and the grayscale version is **21.5199, -1.1482, 1.1692**.

A 20% lighter version of the original color is **38.8568, 17.6461, 10.8185**, and **8.0806, 13.8383, 5.2215** is the 20% darker color. If you saturate the color by 10%, you get **20.0024, 18.7058, 8.7898**, and if you desaturate by 10%, it is **23.5577, 12.3472, 6.8787**.

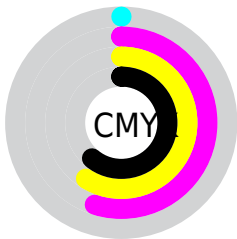
# Distribution



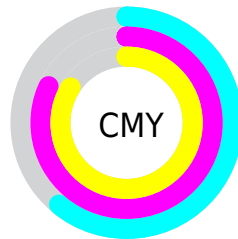
- Red (39%)
- Green (18%)
- Blue (16%)



- Red (39%)
- Yellow (18%)
- Blue (16%)



- Cyan (0%)
- Magenta (55%)
- Yellow (59%)
- Black (61%)



- Cyan (61%)
- Magenta (82%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.6553, 15.5513, 7.8725 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 21.6553, 15.5513, 7.8725 by changing the saturation by 10% instead.



■ 21.6553, 15.5513,  
7.8725

■ 21.6553, 15.5513,  
7.8725

■ 121.1558, 20.6831,  
20.2500

■ 14.3750, 14.3955,  
6.2520

■ 38.9164, 17.4080,  
10.8170

■ 8.0352, 13.7614,  
5.6246

■ 48.7293, 18.1463,  
12.2093

0.0000, INF, NaN

■ 59.2513, 18.7778,  
13.5734

0.0000, NaN, NaN

■ 70.4375, 19.3145,  
14.9200

0.0000, NaN, NaN

■ 82.2506, 19.7661,  
16.2563

0.0000, NaN, NaN

■ 94.6590, 20.1405,

0.0000, NaN, NaN

17.5876

0.0000, NaN, NaN

107.6354, 20.4443,  
18.9179

21.6553, 15.5513,  
7.8725

21.6553, 15.5513,  
7.8725

20.0024, 18.7058,  
8.7898

23.5577, 12.3472,  
6.8787

18.6328, 21.6620,  
9.5720

25.6730, 9.1954,  
5.8496

17.5768, 24.2191,  
10.1557

27.9704, 6.1465,  
4.8131

16.8296, 26.1421,  
10.6863

30.4233, 3.2214,  
3.7849

16.7361, 26.3834,  
10.7746

33.0098, 0.4227,  
2.7728

■ 35.7117, -2.2570,  
1.7799

■ 38.5145, -4.8294,  
0.8063

■ 41.4063, -7.3074,  
-0.1490

■ 44.3773, -9.7038,  
-1.0881

# Harmonies

## Analogous

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



21.6559, 18.6094, 1.2936



21.6553, 15.5513, 7.8725



21.6559, 7.8982, 11.0558

# Triad

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



21.6559, 15.5498, 7.8729



21.6559, -14.0501, 7.7429



21.6559, -1.0355, -22.0425

# Complementary

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



21.6553, 15.5513, 7.8725



30.9131, -12.1851, -3.8051

# 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.



21.6559, -8.9316, -18.1363



21.6553, 15.5513, 7.8725



21.6559, -15.6745, 1.0633

# Square

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



21.6559, 15.5498, 7.8729



21.6559, -9.1102, 11.0047



21.6559, -13.9593, -8.7130



21.6559, 8.1415, -17.9313



# Rectangle

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



21.6553, 15.5513, 7.8725



21.6559, 1.7508, 11.8329



21.6559, -13.9593, -8.7130



21.6559, -3.9184, -21.6106

# Sweetspot

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



21.6559, 15.5498, 7.8729



39.8709, 4.1924, 4.9477



22.5105, 24.1244, -14.3063



19.1062, 2.4245, 2.5476



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255



# Same Dimension

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



21.6559, 15.5498, 7.8729



25.5423, 25.8626, 11.8861



27.7354, 2.8576, 12.6558



16.1713, 0.2436, 1.3745



19.0420, 30.3413, 12.2648



43.4277, 72.0819, 28.0219



# Inverse Universe

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



30.9131, -12.1851, -3.8051



39.6483, -17.3816, -6.1550



22.9877, -0.4511, -16.2889



16.9330, -1.9472, 0.4375



33.4172, -16.1100, -6.9918

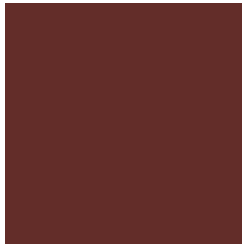


76.8979, -36.8153, -16.6420



# Previews

## White Background



This preview shows how the HunterLab color 21.6553, 15.5513, 7.8725 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

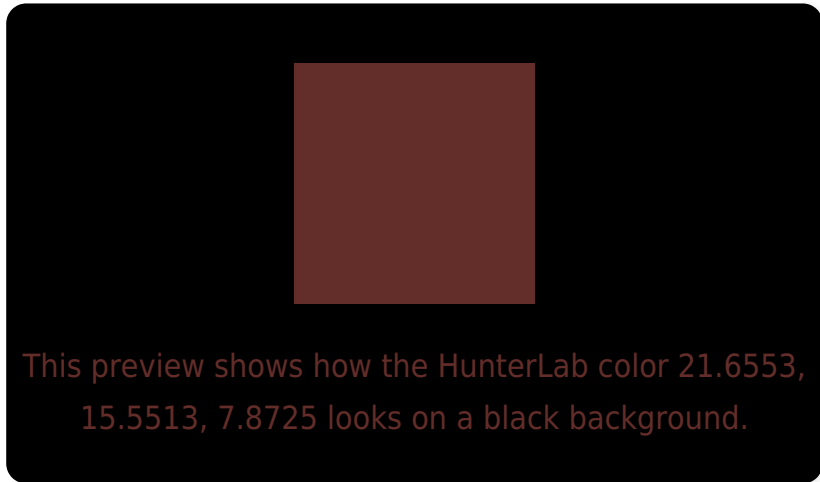
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

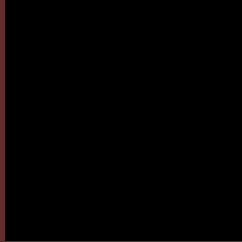
Any Text WCAG AA × Fail

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 21.6553, 15.5513, 7.8725 Background



This preview shows how black text looks on a background with the HunterLab color 21.6553, 15.5513, 7.8725.



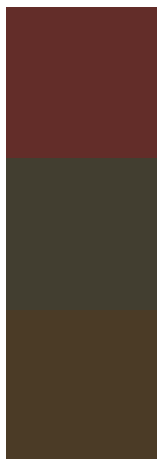
This preview shows how white text looks on a background with the HunterLab color 21.6553, 15.5513,



# 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

21.6553, 15.5513, 7.8725

### Protanopia

21.9474, -1.7857, 5.9386

### Deuteranopia

21.8260, 1.1871, 8.4886



## Tritanopia

21.5853, 16.4685, 6.2021

# Trichromacy



## Original Color

21.6553, 15.5513, 7.8725

## Protanomaly

21.5349, 4.0046, 6.5046

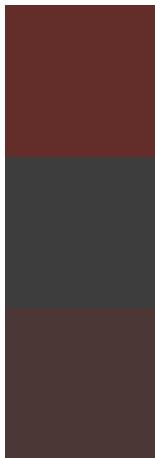
## Deuteranomaly

21.6093, 6.3064, 8.1595

## Tritanomaly

21.5487, 16.2979, 6.7328

# Monochromacy



## Original Color

21.6553, 15.5513, 7.8725

## Achromatopsia

21.6021, -1.1526, 1.1737

## Achromatomaly

21.2004, 4.4392, 3.3809

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 21.6553, 15.5513, 7.8725 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(99, 45, 41)` looks like.

```
.text, #text, p{  
    color:rgb(99, 45, 41)  
}
```

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(99, 45, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 45, 41) }
```

## Border

The CSS property to change the border of an element to HunterLab 21.6553, 15.5513, 7.8725 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(99, 45, 41) }
```



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

```
.border{ border-color:rgb(99, 45, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 45, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 45, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 45, 41);  
box-shadow:4px 4px 4px 4px rgb(99, 45, 41)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 21.6553, 15.5513, 7.8725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 45, 41) }
```

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

```
.background{ background-color: rgb(99, 45,  
41) }
```

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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