

Converting Colors

HunterLab(21.4312, 37.8064,
5.2847)

Have a look what the booklet for
HunterLab(21.4312, 37.8064,
5.2847) contains.

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Color

**HunterLab(21.4453, 37.8402,
5.2179)**

Conversions

Conversions Part 1

Format	Color
Hex	7D0033
RGB	125, 0, 51
RGB Percent	49%, 0%, 20%
CMY	0.5098, 0.9999, 0.8000
CMYK	0.00, 1.00, 0.59, 0.51
HSL	336°, 100%, 25%
HSV	336°, 100%, 49%
XYZ	9.0550, 4.5990, 3.5424
YIQ	43.1890, 58.1290, 42.3610

Conversions

Conversions Part 2

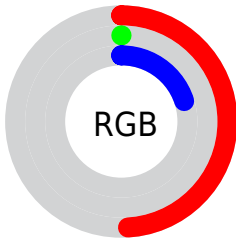
Format	Color
R_{YB}	125, 0, 51
Decimal	8192051
CIE Lab	25.56, 49.22, 7.81
CIE LCh	26, 49.834, 9.016
Yxy	4.5993, 0.5266, 0.2674
Android (android.graphics.Color)	4286382131 (0xFF7D0033)
YUV	43.1890, 3.8508, 71.7482
Hunter-Lab	21.4453, 37.8402, 5.2179

Details

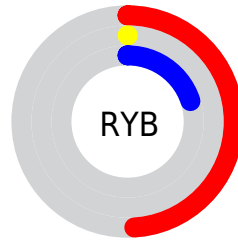
The HunterLab color **21.4453, 37.8402, 5.2179** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **38.9383, -28.8544, 13.6201**, and the grayscale version is **15.5814, -0.8314, 0.8466**.

A 20% lighter version of the original color is **38.6583, 41.7486, 7.2070**, and **11.4493, 19.6838, 6.8048** is the 20% darker color. If you saturate the color by 10%, you get **21.4451, 37.8395, 5.2203**, and if you desaturate by 10%, it is **22.2377, 36.2899, 3.5221**.

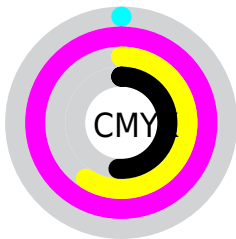
Distribution



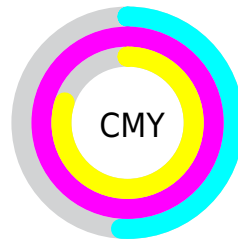
- Red (49%)
- Green (0%)
- Blue (20%)



- Red (49%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (59%)
- Black (51%)



- Cyan (51%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.4453, 37.8402, 5.2179 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 21.4453, 37.8402, 5.2179 by changing the saturation by 10% instead.

21.4453, 37.8402,
5.2179

21.4453, 37.8402,
5.2179

120.7827, 51.6702,
14.3539

14.1920, 35.9707,
4.1780

38.6611, 41.6221,
7.2180

7.8464, 35.9595,
4.5527

48.4540, 43.3766,
8.2091

0.0000, INF, NaN

0.0000, NaN, NaN

58.9574, 45.0182,
9.2046

0.0000, NaN, NaN

70.1262, 46.5484,
10.2088

0.0000, NaN, NaN

81.9228, 47.9725,
11.2243


0.0000, NaN, NaN


0.0000, NaN, NaN


94.3155, 49.2967,


12.2529


0.0000, NaN, NaN


 107.2767, 50.5272,
13.2958


 21.4453, 37.8402,
5.2179


 21.4453, 37.8402,
5.2179


 21.4451, 37.8395,
5.2203

 22.2377, 36.2899,
3.5221

 23.3385, 33.9804,
1.9595

 24.8979, 30.5909,
0.7832

 26.8896, 26.4220,
0.0387

 29.2678, 21.7833,
-0.2889

■ 31.9806, 16.9198,
-0.2485

■ 34.9789, 11.9947,
0.0999

■ 38.2195, 7.1028,
0.6988

■ 41.6662, 2.2914,
1.4992

Harmonies

Analogous

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



21.4460, 35.2062, -11.9665



21.4453, 37.8402, 5.2179



21.4460, 27.9134, 12.5577

Triad

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



21.4460, 37.8377, 5.2185



21.4460, -17.1088, 13.9778



21.4460, -10.9720, -47.1038

Complementary

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



21.4453, 37.8402, 5.2179



38.9383, -28.8544, 13.6201

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.



21.4460, -20.0060, -26.1396



21.4453, 37.8402, 5.2179



21.4460, -22.7701, 9.1491

Square

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



21.4460, 37.8377, 5.2185



21.4460, -5.6994, 15.0122



21.4460, -23.6500, -3.8704



21.4460, 3.8234, -51.4414

Rectangle

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



21.4453, 37.8402, 5.2179



21.4460, 16.8316, 14.7516



21.4460, -23.6500, -3.8704



21.4460, -14.6454, -41.2943

Sweetspot

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



21.4460, 37.8377, 5.2185



46.5013, 16.5364, 0.0870



17.0130, 37.8335, -56.4702



21.5047, 8.9687, -0.0506



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.



21.4460, 37.8377, 5.2185



28.6493, 50.4596, 7.6852



21.4160, 33.9581, 13.7898



20.9071, 0.9345, 0.7856



21.9056, 38.6463, 5.3776

0.0000, NaN, NaN

Inverse Universe

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



21.4460, 37.8377, 5.2185



28.6493, 50.4596, 7.6852



36.9427, -17.3692, -8.6787



20.9071, 0.9345, 0.7856

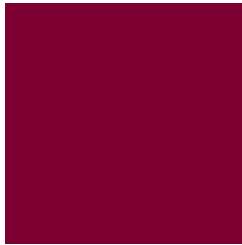


21.9056, 38.6463, 5.3776

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 21.4453, 37.8402, 5.2179 looks on a white background.

Color Contrast Check

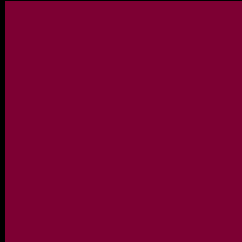
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 21.4453, 37.8402, 5.2179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

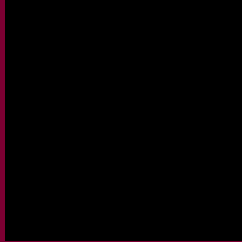
Any Text WCAG AA × Fail

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 21.4453, 37.8402, 5.2179 Background



This preview shows how black text looks on a background with the HunterLab color 21.4453, 37.8402, 5.2179.



This preview shows how white text looks on a background with the HunterLab color 21.4453, 37.8402,

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

21.4453, 37.8402, 5.2179

Protanopia

22.7713, -0.2166, -2.8405

Deuteranopia

22.7574, 0.9318, 7.3052



Tritanopia

21.9828, 32.0108, 12.4444

Trichromacy



Original Color

21.4453, 37.8402, 5.2179

Protanomaly

19.7750, 15.2438, -3.0015

Deuteranomaly

20.1100, 16.9561, 4.4442

Tritanomaly

21.6145, 34.0506, 10.3590

Monochromacy



Original Color

21.4453, 37.8402, 5.2179

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.4842, 14.7805, -0.0973

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.4453, 37.8402, 5.2179 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, 51)` looks like.

```
.text, #text, p{  
    color:rgb(125, 0, 51)  
}
```

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, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 0, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 21.4453, 37.8402, 5.2179 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, 51) }
```


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

```
.border{ border-color:rgb(125, 0, 51) }
```

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, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 0, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 0, 51);  
box-shadow:4px 4px 4px 4px rgb(125, 0, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.4453, 37.8402, 5.2179 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, 51) }
```

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

```
.background{ background-color: rgb(125, 0,  
51) }
```

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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