

Converting Colors

HunterLab(12.4107, 21.5902,
5.4110)

Have a look what the booklet for
HunterLab(12.4107, 21.5902,
5.4110) contains.

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Color

**HunterLab(12.3949, 21.5531,
5.4783)**

Conversions

Conversions Part 1

Format	Color
Hex	4B0011
RGB	75, 0, 17
RGB Percent	29%, 0%, 7%
CMY	0.7059, 1.0000, 0.9333
CMYK	0.00, 1.00, 0.77, 0.71
HSL	346°, 100%, 15%
HSV	346°, 100%, 29%
XYZ	3.0028, 1.5363, 0.6686
YIQ	24.3630, 39.2430, 21.1870

Conversions

Conversions Part 2

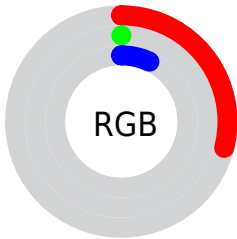
Format	Color
R_{YB}	75, 0, 17
Decimal	4915217
CIE Lab	12.84, 33.76, 12.57
CIE LCh	13, 36.028, 20.421
Yxy	1.5364, 0.5766, 0.2950
Android (android.graphics.Color)	4283105297 (0xFF4B0011)
YUV	24.3630, -3.6300, 44.4086
Hunter-Lab	12.3949, 21.5531, 5.4783

Details

The HunterLab color **12.3949, 21.5531, 5.4783** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **23.1035, -15.0897, 3.6977**, and the grayscale version is **9.6698, -0.5160, 0.5254**.

A 20% lighter version of the original color is **27.2743, 24.7233, 8.2445**, and **2.2721, 3.8910, 1.4682** is the 20% darker color. If you saturate the color by 10%, you get **12.3948, 21.5529, 5.4790**, and if you desaturate by 10%, it is **13.1143, 19.7314, 4.8088**.

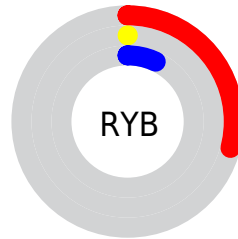
Distribution



Red (29%)

Green (0%)

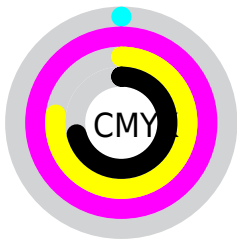
Blue (7%)



Red (29%)

Yellow (0%)

Blue (7%)

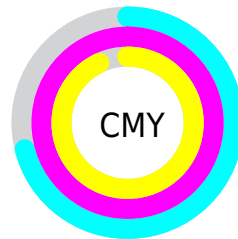


Cyan (0%)

Magenta (100%)

Yellow (77%)

Black (71%)



Cyan (71%)


Magenta (100%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 12.3949, 21.5531, 5.4783 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 12.3949, 21.5531, 5.4783 by changing the saturation by 10% instead.

 12.3949, 21.5531,
5.4783

 12.3949, 21.5531,
5.4783


 103.6919, 31.5935,
17.2247

 5.6050, 26.9828,
3.9235

 27.3179, 24.6107,
8.2650

0.0000, INF, NaN

0.0000, NaN, NaN


 36.1242, 25.9526,
9.6059

0.0000, NaN, NaN


 45.7145, 27.1626,
10.9076

0.0000, NaN, NaN

0.0000, NaN, NaN

 56.0293, 28.2511,
12.1857

0.0000, NaN, NaN


 67.0208, 29.2289,
13.4506


0.0000, NaN, NaN


 78.6498, 30.1063,


0.0000, NaN, NaN


14.7090


 90.8830, 30.8920,
15.9659


 12.3949, 21.5531,
5.4783


 12.3949, 21.5531,
5.4783


 12.3948, 21.5529,
5.4790

 13.1143, 19.7314,
4.8088

 13.8722, 18.0498,
4.0058

 14.8559, 15.9702,
3.2721

 16.0600, 13.6024,
2.6565

 17.4582, 11.0840,
2.1729

■ 19.0241, 8.5141,
1.8190

■ 20.7331, 5.9544,
1.5836

■ 22.5643, 3.4381,
1.4519

■ 24.5003, 0.9798,
1.4089

Harmonies

Analogous

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



12.3953, 23.0137, -2.5831



12.3949, 21.5531, 5.4783



12.3953, 13.2731, 8.6767

Triad

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



12.3953, 21.5516, 5.4786



12.3953, -12.0009, 8.6767



12.3953, -3.5607, -31.6530

Complementary

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



12.3949, 21.5531, 5.4783



23.1035, -15.0897, 3.6977

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.



12.3953, -10.3087, -21.6146



12.3949, 21.5531, 5.4783



12.3953, -14.7279, 3.2344

Square

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



12.3953, 21.5516, 5.4786



12.3953, -6.4189, 8.6767



12.3953, -14.1085, -7.0586



12.3953, 6.3853, -29.2037

Rectangle

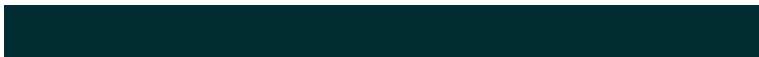
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12.3949, 21.5531, 5.4783



12.3953, 6.0803, 8.6767



12.3953, -14.1085, -7.0586



12.3953, -6.2140, -29.4507

Sweetspot

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



12.3953, 21.5516, 5.4786



26.7389, 8.1219, 2.0890



11.8016, 24.5125, -25.7410



13.1942, 4.4170, 1.0760



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



12.3953, 21.5516, 5.4786



16.1049, 27.9388, 7.6260



14.1291, 15.0937, 8.9699



13.0707, 0.3499, 0.7439



16.9915, 29.4652, 8.1363



41.2170, 71.1870, 21.9692

Inverse Universe

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



12.3953, 21.5516, 5.4786



16.1049, 27.9388, 7.6260



18.0015, -5.3613, -10.9257



13.0707, 0.3499, 0.7439



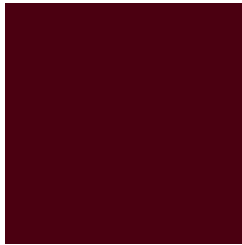
16.9915, 29.4652, 8.1363



41.2170, 71.1870, 21.9692

Previews

White Background



This preview shows how the HunterLab color 12.3949, 21.5531, 5.4783 looks on a white background.

Color Contrast Check

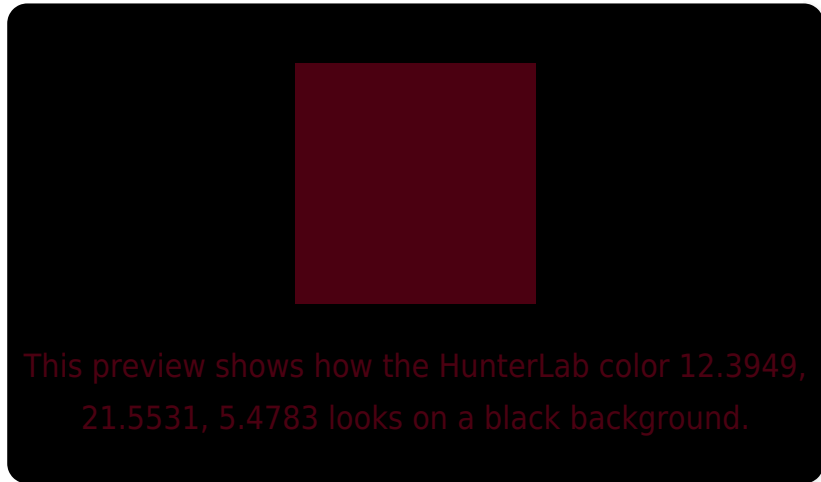
Large Text (above 18pt) WCAG AA ✓ Pass

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

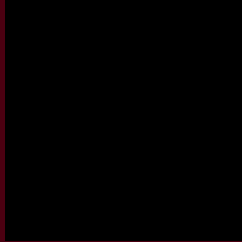
Any Text WCAG AA × Fail

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 12.3949, 21.5531, 5.4783 Background



This preview shows how black text looks on a background with the HunterLab color 12.3949, 21.5531, 5.4783.

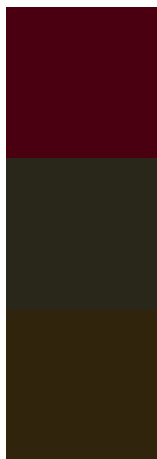


This preview shows how white text looks on a background with the HunterLab color 12.3949, 21.5531,

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

12.3949, 21.5531, 5.4783

Protanopia

13.9004, -1.2882, 4.3744

Deuteranopia

13.8444, 0.4779, 7.0496



Tritanopia

12.8623, 19.0419, 7.8619

Trichromacy



Original Color

12.3949, 21.5531, 5.4783

Protanomaly

12.1327, 7.4494, 3.6452

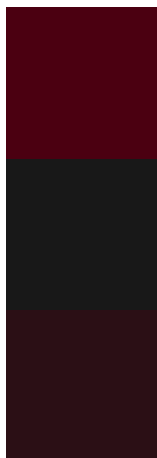
Deuteranomaly

12.4259, 8.8607, 5.8295

Tritanomaly

12.6500, 20.0379, 7.0689

Monochromacy



Original Color

12.3949, 21.5531, 5.4783

Achromatopsia

9.5572, -0.5099, 0.5193

Achromatomaly

9.5362, 7.6912, 1.5997

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.3949, 21.5531, 5.4783 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(75, 0, 17)` looks like.

```
.text, #text, p{  
    color:rgb(75, 0, 17)  
}
```

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(75, 0, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 0, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 12.3949, 21.5531, 5.4783 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(75, 0, 17) }
```


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

```
.border{ border-color:rgb(75, 0, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 0, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 0, 17); -webkit-box-shadow:4px  
4px 4px 4px rgb(75, 0, 17); box-shadow:4px  
4px 4px 4px rgb(75, 0, 17) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.3949, 21.5531, 5.4783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 0, 17) }
```

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

```
.background{ background-color: rgb(75, 0,  
17) }
```

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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