

Converting Colors

HunterLab(12.3444, 21.5111,
5.1010)

Have a look what the booklet for
HunterLab(12.3444, 21.5111,
5.1010) contains.

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Color

**HunterLab(12.4212, 21.6503,
5.0922)**

Conversions

Conversions Part 1

Format	Color
Hex	4B0013
RGB	75, 0, 19
RGB Percent	29%, 0%, 7%
CMY	0.7059, 1.0000, 0.9255
CMYK	0.00, 1.00, 0.75, 0.71
HSL	345°, 100%, 15%
HSV	345°, 100%, 29%
XYZ	3.0192, 1.5429, 0.7547
YIQ	24.5910, 38.6010, 21.8090

Conversions

Conversions Part 2

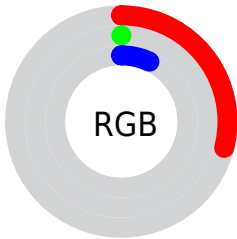
Format	Color
R_{YB}	75, 0, 19
Decimal	4915219
CIE _{Lab}	12.88, 33.87, 11.41
CIE _{LCh}	13, 35.744, 18.613
Yxy	1.5430, 0.5678, 0.2902
Android (android.graphics.Color)	4283105299 (0xFF4B0013)
YUV	24.5910, -2.7564, 44.2087
Hunter-Lab	12.4212, 21.6503, 5.0922

Details

The HunterLab color **12.4212, 21.6503, 5.0922** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **23.0602, -15.3528, 4.3198**, and the grayscale version is **9.7362, -0.5195, 0.5290**.

A 20% lighter version of the original color is **27.3131, 24.8983, 7.6824**, and **2.2721, 3.8910, 1.4682** is the 20% darker color. If you saturate the color by 10%, you get **12.4211, 21.6500, 5.0929**, and if you desaturate by 10%, it is **13.1424, 19.8420, 4.3979**.

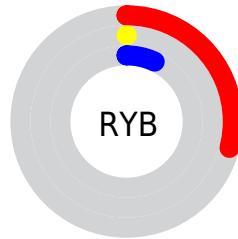
Distribution



Red (29%)

Green (0%)

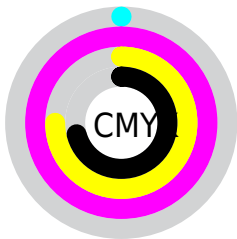
Blue (7%)



Red (29%)

Yellow (0%)

Blue (7%)

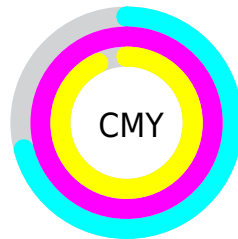


Cyan (0%)

Magenta (100%)

Yellow (75%)

Black (71%)



Cyan (71%)


Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 12.4212, 21.6503, 5.0922 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 12.4212, 21.6503, 5.0922 by changing the saturation by 10% instead.

 12.4212, 21.6503,
5.0922

 12.4212, 21.6503,
5.0922


 103.7453, 31.7255,
16.2200

 5.6452, 26.9245,
3.9516


 27.3521, 24.7147,
7.7331

0.0000, INF, NaN

0.0000, NaN, NaN


 36.1617, 26.0606,
8.9877

0.0000, NaN, NaN


 45.7551, 27.2748,
10.2119

0.0000, NaN, NaN

0.0000, NaN, NaN

 56.0727, 28.3673,
11.4193

0.0000, NaN, NaN


 67.0670, 29.3492,
12.6188


0.0000, NaN, NaN


 78.6985, 30.2306,


0.0000, NaN, NaN


13.8162


 90.9341, 31.0201,
15.0156


 12.4212, 21.6503,
5.0922


 12.4212, 21.6503,
5.0922


 12.4211, 21.6500,
5.0929

 13.1424, 19.8420,
4.3979

 13.9010, 18.1688,
3.5875

 14.8839, 16.0922,
2.8678

 16.0858, 13.7211,
2.2840

 17.4810, 11.1934,
1.8458

■ 19.0430, 8.6088,
1.5471

■ 20.7476, 6.0300,
1.3737

■ 22.5742, 3.4910,
1.3089

■ 24.5052, 1.0074,
1.3363

Harmonies

Analogous

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



12.4216, 22.6143, -3.2397



12.4212, 21.6503, 5.0922



12.4216, 13.7625, 8.6951

Triad

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



12.4216, 21.6488, 5.0925



12.4216, -11.6721, 8.6951



12.4216, -4.0485, -30.9641

Complementary

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



12.4212, 21.6503, 5.0922



23.0602, -15.3528, 4.3198

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.



12.4216, -10.5546, -20.5128



12.4212, 21.6503, 5.0922



12.4216, -14.5567, 3.6254

Square

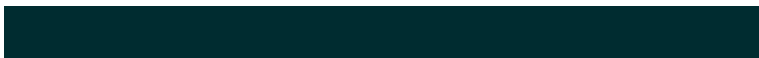
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



12.4216, 21.6488, 5.0925



12.4216, -5.9432, 8.6951



12.4216, -14.1477, -6.1956



12.4216, 5.6784, -29.3511

Rectangle

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



12.4212, 21.6503, 5.0922



12.4216, 6.6745, 8.6951



12.4216, -14.1477, -6.1956



12.4216, -6.6148, -28.5494

Sweetspot

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



12.4216, 21.6488, 5.0925



26.7587, 8.2232, 1.8064



11.4906, 24.0967, -26.8445



13.2048, 4.4706, 0.9256



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.



12.4216, 21.6488, 5.0925



16.1373, 28.0584, 7.1500



13.8295, 15.9398, 8.8001



13.0730, 0.3625, 0.7105



17.0254, 29.5902, 7.6392



41.2882, 71.4504, 20.9195

Inverse Universe

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



12.4216, 21.6488, 5.0925



16.1373, 28.0584, 7.1500



18.6656, -6.2894, -9.7525



13.0730, 0.3625, 0.7105



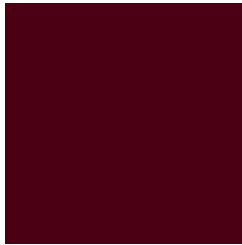
17.0254, 29.5902, 7.6392



41.2882, 71.4504, 20.9195

Previews

White Background



This preview shows how the HunterLab color 12.4212, 21.6503, 5.0922 looks on a white background.

Color Contrast Check

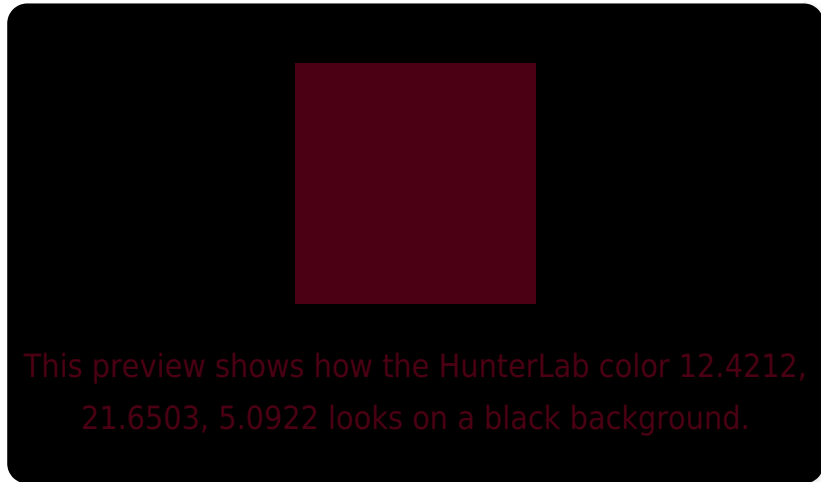
Large Text (above 18pt) WCAG AA ✓ Pass

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

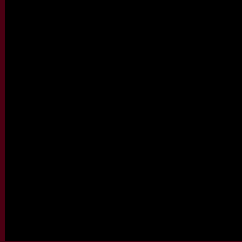
Any Text WCAG AA × Fail

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 12.4212, 21.6503, 5.0922 Background



This preview shows how black text looks on a background with the HunterLab color 12.4212, 21.6503, 5.0922.



This preview shows how white text looks on a background with the HunterLab color 12.4212, 21.6503,

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

12.4212, 21.6503, 5.0922

Protanopia

13.9512, -1.0089, 3.6390

Deuteranopia

13.7862, 0.3376, 6.5572



Tritanopia

12.9633, 18.8416, 7.6611

Trichromacy



Original Color

12.4212, 21.6503, 5.0922

Protanomaly

12.1669, 7.6140, 3.1487

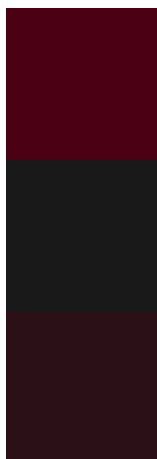
Deuteranomaly

12.3291, 8.6435, 5.3910

Tritanomaly

12.7527, 19.8238, 6.8701

Monochromacy



Original Color

12.4212, 21.6503, 5.0922

Achromatopsia

9.8596, -0.5261, 0.5357

Achromatomaly

9.7264, 7.5009, 1.1834

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4212, 21.6503, 5.0922 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, 19)` looks like.

```
.text, #text, p{  
    color:rgb(75, 0, 19)  
}
```

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, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 0, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4212, 21.6503, 5.0922 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, 19) }
```


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

```
.border{ border-color:rgb(75, 0, 19) }
```

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, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 0, 19); -webkit-box-shadow:4px  
4px 4px 4px rgb(75, 0, 19); box-shadow:4px  
4px 4px 4px rgb(75, 0, 19) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.4212, 21.6503, 5.0922 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, 19) }
```

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

```
.background{ background-color: rgb(75, 0,  
19) }
```

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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