

Converting Colors

HunterLab(12.5006, 21.4523,
7.7313)

Have a look what the booklet for
HunterLab(12.5006, 21.4523,
7.7313) contains.

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Color

**HunterLab(12.4221, 21.3261,
7.6166)**

Conversions

Conversions Part 1

Format	Color
Hex	4C0003
RGB	76, 0, 3
RGB Percent	30%, 0%, 1%
CMY	0.7020, 1.0000, 0.9882
CMYK	0.00, 1.00, 0.96, 0.70
HSL	358°, 100%, 15%
HSV	358°, 100%, 30%
XYZ	2.9969, 1.5431, 0.2260
YIQ	23.0660, 44.3330, 17.0450

Conversions

Conversions Part 2

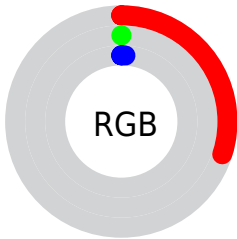
Format	Color
R _Y B	76, 0, 3
Decimal	4980739
CIE Lab	12.88, 33.48, 18.97
CIE LCh	13, 38.482, 29.542
Yxy	1.5432, 0.6288, 0.3238
Android (android.graphics.Color)	4283170819 (0xFF4C0003)
YUV	23.0660, -9.8925, 46.4231
Hunter-Lab	12.4221, 21.3261, 7.6166

Details

The HunterLab color **12.4221, 21.3261, 7.6166** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **23.7698, -13.1564, -1.3084**, and the grayscale version is **9.2964, -0.4960, 0.5051**.

A 20% lighter version of the original color is **27.2462, 24.3075, 10.8914**, and **2.1253, 3.6397, 1.3733** is the 20% darker color. If you saturate the color by 10%, you get **12.4220, 21.3259, 7.6172**, and if you desaturate by 10%, it is **13.1308, 19.4274, 7.0956**.

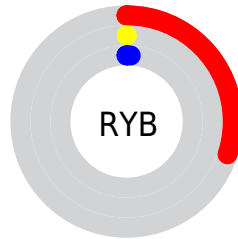
Distribution



Red (30%)

Green (0%)

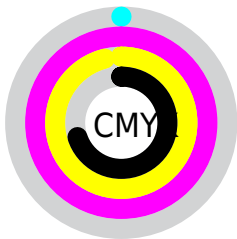
Blue (1%)



Red (30%)

Yellow (0%)

Blue (1%)

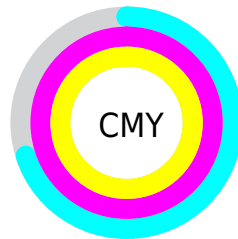


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (70%)



Cyan (70%)


Magenta (100%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 12.4221, 21.3261, 7.6166 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 12.4221, 21.3261, 7.6166 by changing the saturation by 10% instead.

 12.4221, 21.3261,
7.6166

 12.4221, 21.3261,
7.6166


 103.7472, 31.2624,
22.5783

 5.6465, 26.5411,
3.9526

 27.3533, 24.3631,
10.9319

0.0000, INF, NaN

0.0000, NaN, NaN


 36.1630, 25.6925,
12.7642

0.0000, NaN, NaN


 45.7565, 26.8900,
14.5070

0.0000, NaN, NaN

0.0000, NaN, NaN

 56.0742, 27.9661,
16.1876

0.0000, NaN, NaN


 67.0686, 28.9319,
17.8241


0.0000, NaN, NaN


 78.7002, 29.7976,


0.0000, NaN, NaN


19.4291


 90.9359, 30.5719,
21.0116


 12.4221, 21.3261,
7.6166


 12.4221, 21.3261,
7.6166


 12.4220, 21.3259,
7.6172

 13.1308, 19.4274,
7.0956

 13.8793, 17.6399,
6.4890

 14.8706, 15.4780,
5.7894

 16.0968, 13.0661,
5.0610

 17.5297, 10.5464,
4.3456

■ 19.1401, 8.0171,
3.6681

■ 20.9016, 5.5352,
3.0403

■ 22.7915, 3.1282,
2.4649

■ 24.7910, 0.8050,
1.9397

Harmonies

Analogous

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



12.4225, 25.5459, 0.5265



12.4221, 21.3261, 7.6166



12.4225, 10.8782, 8.6958

Triad

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



12.4225, 21.3245, 7.6168



12.4225, -13.9009, 7.7948



12.4225, -0.8195, -35.9862

Complementary

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



12.4221, 21.3261, 7.6166



23.7698, -13.1564, -1.3084

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.



12.4225, -9.0999, -28.3990



12.4221, 21.3261, 7.6166



12.4225, -15.7632, 0.8240

Square

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



12.4225, 21.3245, 7.6168



12.4225, -8.9063, 8.6958



12.4225, -14.0089, -12.4282



12.4225, 10.5171, -28.8136

Rectangle

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



12.4221, 21.3261, 7.6166



12.4225, 3.0873, 8.6958



12.4225, -14.0089, -12.4282



12.4225, -4.0161, -35.0243

Sweetspot

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



12.4225, 21.3245, 7.6168



27.3178, 7.6802, 4.1057



13.8106, 27.4272, -20.3634



13.7241, 4.3211, 2.2004



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



12.4225, 21.3245, 7.6168



16.3910, 28.1225, 10.1853



16.4079, 9.9972, 10.2849



13.0544, 0.2621, 0.9759



16.8333, 28.8798, 10.4716



40.9392, 70.1581, 26.0787

Inverse Universe

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



12.4225, 21.3245, 7.6168



16.3910, 28.1225, 10.1853



14.7098, 0.0509, -18.4944



13.0544, 0.2621, 0.9759



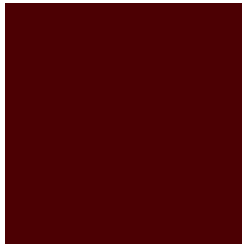
16.8333, 28.8798, 10.4716



40.9392, 70.1581, 26.0787

Previews

White Background



This preview shows how the HunterLab color 12.4221, 21.3261, 7.6166 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

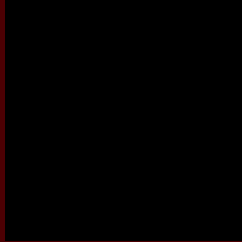
Any Text WCAG AA × Fail

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 12.4221, 21.3261, 7.6166 Background



This preview shows how black text looks on a background with the HunterLab color 12.4221, 21.3261, 7.6166.

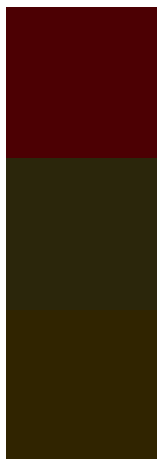


This preview shows how white text looks on a background with the HunterLab color 12.4221, 21.3261,

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

12.4221, 21.3261, 7.6166

Protanopia

13.8708, -1.7563, 7.1630

Deuteranopia

13.7482, -0.0424, 8.4708



Tritanopia

12.8367, 18.9409, 8.2415

Trichromacy



Original Color

12.4221, 21.3261, 7.6166

Protanomaly

12.1779, 7.2125, 6.5118

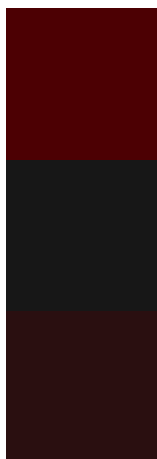
Deuteranomaly

12.3066, 8.2961, 7.5902

Tritanomaly

12.5892, 19.8041, 7.9689

Monochromacy



Original Color

12.4221, 21.3261, 7.6166

Achromatopsia

9.2564, -0.4939, 0.5029

Achromatomaly

9.3343, 6.9795, 2.7602

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4221, 21.3261, 7.6166 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(76, 0, 3)` looks like.

```
.text, #text, p{  
    color:rgb(76, 0, 3)  
}
```

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(76, 0, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 0, 3) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4221, 21.3261, 7.6166 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(76, 0, 3) }
```


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

```
.border{ border-color:rgb(76, 0, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 0, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 0, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 0, 3); box-shadow:4px  
4px 4px 4px rgb(76, 0, 3) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.4221, 21.3261, 7.6166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 0, 3) }
```

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

```
.background{ background-color: rgb(76, 0,  
3) }
```

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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