

Converting Colors

HunterLab(12.7498, 22.3719,
4.0725)

Have a look what the booklet for
HunterLab(12.7498, 22.3719,
4.0725) contains.

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Color

**HunterLab(12.6755, 22.2609,
3.8984)**

Conversions

Conversions Part 1

Format	Color
Hex	4C0019
RGB	76, 0, 25
RGB Percent	30%, 0%, 10%
CMY	0.7020, 1.0000, 0.9020
CMYK	0.00, 1.00, 0.67, 0.70
HSL	340°, 100%, 15%
HSV	340°, 100%, 30%
XYZ	3.1560, 1.6067, 1.0635
YIQ	25.5740, 37.2710, 23.8870

Conversions

Conversions Part 2

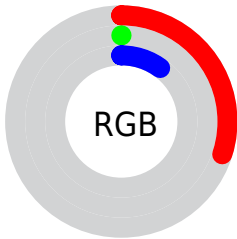
Format	Color
R_{YB}	76, 0, 25
Decimal	4980761
CIE Lab	13.27, 34.54, 7.72
CIE LCh	13, 35.389, 12.594
Yxy	1.6068, 0.5417, 0.2758
Android (android.graphics.Color)	4283170841 (0xFF4C0019)
YUV	25.5740, -0.2830, 44.2236
Hunter-Lab	12.6755, 22.2609, 3.8984

Details

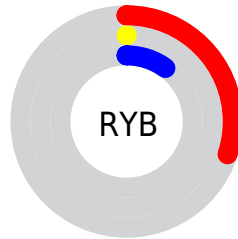
The HunterLab color **12.6755, 22.2609, 3.8984** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **23.2550, -16.2709, 6.0582**, and the grayscale version is **10.0275, -0.5350, 0.5448**.

A 20% lighter version of the original color is **27.7658, 25.4849, 5.8773**, and **3.0555, 5.2327, 1.9744** is the 20% darker color. If you saturate the color by 10%, you get **12.6754, 22.2606, 3.8992**, and if you desaturate by 10%, it is **13.4009, 20.4866, 3.1520**.

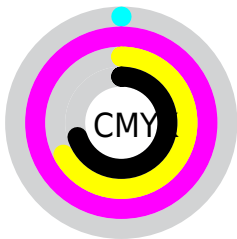
Distribution



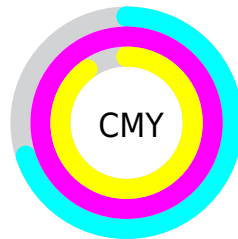
- Red (30%)
- Green (0%)
- Blue (10%)



- Red (30%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (67%)
- Black (70%)





- Cyan (70%)
- Magenta (100%)
- Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 12.6755, 22.2609, 3.8984 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 12.6755, 22.2609, 3.8984 by changing the saturation by 10% instead.

 12.6755, 22.2609,
3.8984

 12.6755, 22.2609,
3.8984


 104.2600, 32.5299,
12.9708

 6.0180, 26.1526,
4.2126


 27.6825, 25.3630,
5.9475

0.0000, INF, NaN


0.0000, NaN, NaN

 36.5242, 26.7309,
6.9359

0.0000, NaN, NaN


 46.1471, 27.9676,
7.9209

0.0000, NaN, NaN

 56.4921, 29.0829,
8.9095

0.0000, NaN, NaN

0.0000, NaN, NaN


 67.5121, 30.0875,
9.9064


0.0000, NaN, NaN


 79.1679, 30.9912,


0.0000, NaN, NaN


10.9145


 91.4267, 31.8028,
11.9355


 12.6755, 22.2609,
3.8984


 12.6755, 22.2609,
3.8984


 12.6754, 22.2606,
3.8992

 13.4009, 20.4866,
3.1520

 14.1651, 18.8191,
2.3368

 15.1552, 16.7175,
1.6722

 16.3653, 14.2968,
1.1927

 17.7698, 11.6985,
0.8957

■ 19.3427, 9.0270,
0.7645

■ 21.0597, 6.3490,
0.7768

■ 22.9002, 3.7025,
0.9100

■ 24.8466, 1.1055,
1.1438

Harmonies

Analogous

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



12.6759, 21.6243, -5.6154



12.6755, 22.2609, 3.8984



12.6759, 15.5851, 8.8731

Triad

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



12.6759, 22.2594, 3.8987



12.6759, -10.7516, 8.8731



12.6759, -5.6490, -29.1783

Complementary

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



12.6755, 22.2609, 3.8984



23.2550, -16.2709, 6.0582

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.



12.6759, -11.4739, -17.3644



12.6755, 22.2609, 3.8984



12.6759, -14.1264, 4.8524

Square

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



12.6759, 22.2594, 3.8987



12.6759, -4.3863, 8.8731



12.6759, -14.3908, -3.6664



12.6759, 3.5148, -30.2302

Rectangle

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



12.6755, 22.2609, 3.8984



12.6759, 8.7744, 8.8731



12.6759, -14.3908, -3.6664



12.6759, -7.9776, -26.0800

Sweetspot

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



12.6759, 22.2594, 3.8987



27.5339, 8.7874, 1.0151



11.0323, 23.6203, -29.5342



13.8420, 4.9213, 0.5129



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.



12.6759, 22.2594, 3.8987



16.6921, 29.2338, 5.7620



13.4759, 17.7475, 8.6139



13.0797, 0.3985, 0.6153



17.1397, 30.0109, 5.9691



41.5392, 72.3760, 17.2378

Inverse Universe

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



12.6759, 22.2594, 3.8987



16.6921, 29.2338, 5.7620



20.2829, -8.2079, -7.6324



13.0797, 0.3985, 0.6153



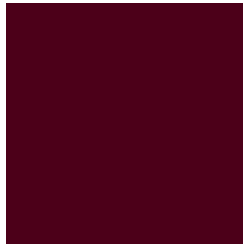
17.1397, 30.0109, 5.9691



41.5392, 72.3760, 17.2378

Previews

White Background



This preview shows how the HunterLab color 12.6755, 22.2609, 3.8984 looks on a white background.

Color Contrast Check

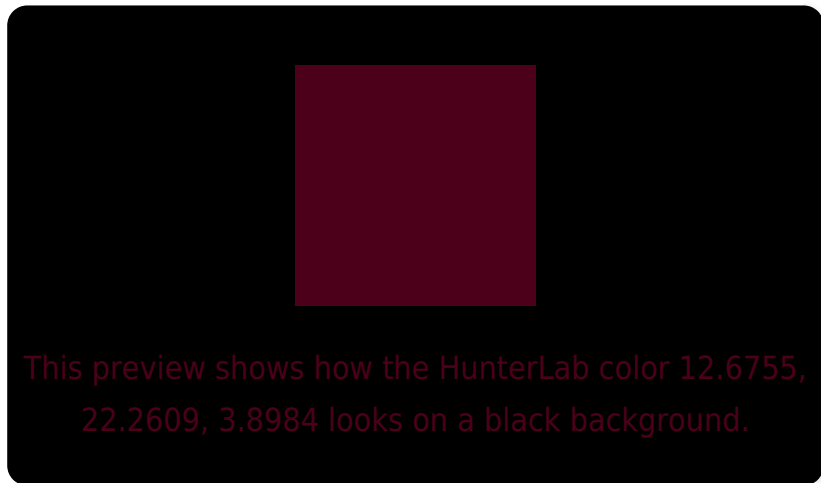
Large Text (above 18pt) WCAG AA ✓ Pass

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

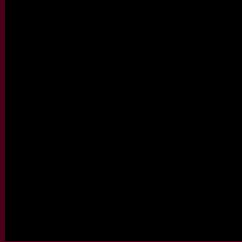
Any Text WCAG AA × Fail

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 12.6755, 22.2609, 3.8984 Background



This preview shows how black text looks on a background with the HunterLab color 12.6755, 22.2609, 3.8984.



This preview shows how white text looks on a background with the HunterLab color 12.6755, 22.2609,

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

12.6755, 22.2609, 3.8984

Protanopia

14.2679, -0.7668, 1.5052

Deuteranopia

14.0904, 0.4080, 5.4956



Tritanopia

13.3166, 18.7635, 7.3834

Trichromacy



Original Color

12.6755, 22.2609, 3.8984

Protanomaly

12.4978, 7.9842, 1.0149

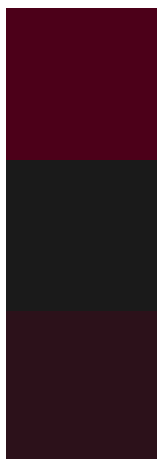
Deuteranomaly

12.7070, 9.0353, 4.2059

Tritanomaly

13.0432, 20.0348, 6.3335

Monochromacy



Original Color

12.6755, 22.2609, 3.8984

Achromatopsia

10.1636, -0.5423, 0.5522

Achromatomaly

10.0546, 7.7133, 0.5678

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.6755, 22.2609, 3.8984 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, 25)` looks like.

```
.text, #text, p{  
    color:rgb(76, 0, 25)  
}
```

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, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 0, 25) }
```

Border

The CSS property to change the border of an element to HunterLab 12.6755, 22.2609, 3.8984 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, 25) }
```


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

```
.border{ border-color:rgb(76, 0, 25) }
```

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, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 0, 25); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 0, 25); box-shadow:4px  
4px 4px 4px rgb(76, 0, 25) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.6755, 22.2609, 3.8984 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, 25) }
```

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

```
.background{ background-color: rgb(76, 0,  
25) }
```

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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