

Converting Colors

HunterLab(10.2398, 12.3016,
0.5212)

Have a look what the booklet for
HunterLab(10.2398, 12.3016,
0.5212) contains.

HunterLab(10.2398, 12.3016, 0.5212)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(10.2398, 12.3016,
0.5212)**

Conversions

Conversions Part 1

Format	Color
Hex	340B1B
RGB	52, 11, 27
RGB Percent	20%, 4%, 11%
CMY	0.7961, 0.9569, 0.8941
CMYK	0.00, 0.79, 0.48, 0.80
HSL	337°, 65%, 12%
HSV	337°, 79%, 20%
XYZ	1.7337, 1.0485, 1.1479
YIQ	25.0830, 19.3000, 13.6680

Conversions

Conversions Part 2

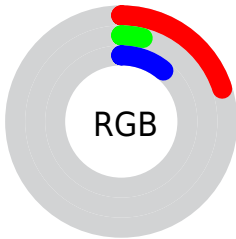
Format	Color
R_{YB}	52, 11, 27
Decimal	3410715
CIE Lab	9.39, 22.18, -0.08
CIE LCh	9, 22.179, 359.796
Yxy	1.0486, 0.4411, 0.2668
Android (android.graphics.Color)	4281600795 (0xFF340B1B)
YUV	25.0830, 0.9451, 23.6062
Hunter-Lab	10.2398, 12.3016, 0.5212




Details

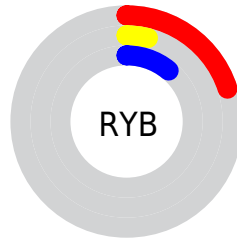
The HunterLab color **10.2398, 12.3016, 0.5212** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **16.2927, -10.0572, 3.7890**, and the grayscale version is **9.8782, -0.5271, 0.5367**.



A 20% lighter version of the original color is **24.5708, 14.2942, 1.4087**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **9.5982, 13.7442, 0.8743**, and if you desaturate by 10%, it is **10.9603, 10.8022, 0.2362**.

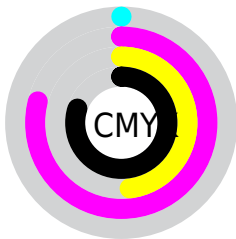
Distribution







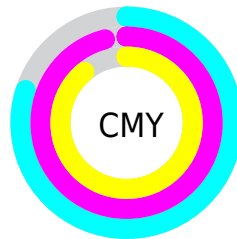
-  Red (20%)
-  Green (4%)
-  Blue (11%)






-  Red (20%)
-  Yellow (4%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (79%)
-  Yellow (48%)
-  Black (80%)



-  Cyan (80%)
-  Magenta (96%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 10.2398, 12.3016, 0.5212 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 10.2398, 12.3016, 0.5212 by changing the saturation by 10% instead.

■ 10.2398, 12.3016,
0.5212

■ 10.2398, 12.3016,
0.5212

■ 99.2121, 18.2376,
5.3239

0.0000, INF, NaN

0.0000, NaN, NaN

■ 24.4766, 14.4768,
1.2843

0.0000, NaN, NaN

■ 32.9958, 15.3328,
1.7430

0.0000, NaN, NaN

■ 42.3232, 16.0592,
2.2462

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 52.3941, 16.6731,
2.7901

0.0000, NaN, NaN


■ 63.1571, 17.1879,
3.3720


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 74.5704, 17.6147,


3.9895


 86.5987, 17.9622,
4.6407

 10.2398, 12.3016,
0.5212


 10.2398, 12.3016,
0.5212

 9.5982, 13.7442,
0.8743

 10.9603, 10.8022,
0.2362


 8.9220, 15.4952,
1.1639

 11.8027, 9.1559,
0.0783

 8.8409, 15.7233,
1.1929

 12.7528, 7.4311,
0.0363

 13.7968, 5.6772,
0.0948

 14.9221, 3.9254,
0.2382

■ 16.1178, 2.1936,
0.4523

■ 17.3747, 0.4905,
0.7249

■ 18.6853, -1.1807,
1.0463

■ 20.0432, -2.8204,
1.4081

Harmonies

Analogous

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



10.2401, 10.2738, -5.8955



10.2398, 12.3016, 0.5212



10.2401, 10.3259, 5.0758

Triad

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



10.2401, 12.3008, 0.5215



10.2401, -5.3871, 7.1681



10.2401, -5.4454, -12.4837

Complementary

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



10.2398, 12.3016, 0.5212



16.2927, -10.0572, 3.7890

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.



10.2401, -8.8876, -5.7980



10.2398, 12.3016, 0.5212



10.2401, -8.8539, 5.1313

Square

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



10.2401, 12.3008, 0.5215



10.2401, -0.5092, 7.1681



10.2401, -10.1352, 0.5932



10.2401, -0.5846, -15.4409

Rectangle

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



10.2398, 12.3016, 0.5212



10.2401, 7.2023, 7.1681



10.2401, -10.1352, 0.5932



10.2401, -6.7897, -10.4692

Sweetspot

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



10.2401, 12.3008, 0.5215



20.1453, 4.3506, 0.4023



9.2480, 11.8654, -14.9220



10.8190, 2.4953, 0.2019



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



10.2401, 12.3008, 0.5215



11.9289, 19.5608, 1.9267



10.4822, 9.7342, 4.8383



9.4319, 0.2058, 0.4022



15.0218, 26.5263, 3.4979



39.1952, 68.7793, 12.4878

Inverse Universe

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



10.2401, 12.3008, 0.5215



11.9289, 19.5608, 1.9267



15.5719, -6.4943, -2.8881



9.4319, 0.2058, 0.4022



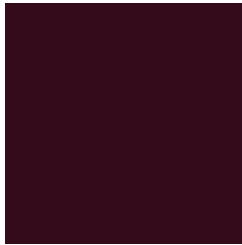
15.0218, 26.5263, 3.4979



39.1952, 68.7793, 12.4878

Previews

White Background



This preview shows how the HunterLab color 10.2398, 12.3016, 0.5212 looks on a white background.

Color Contrast Check

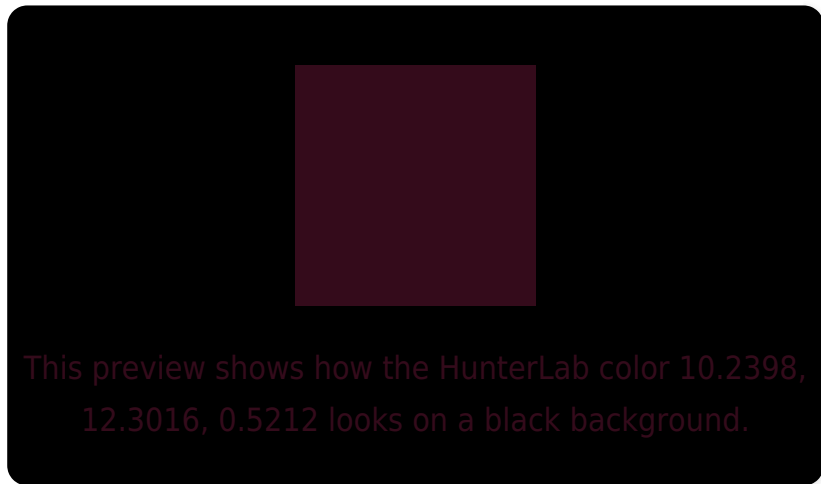
Large Text (above 18pt) WCAG AA ✓ Pass

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

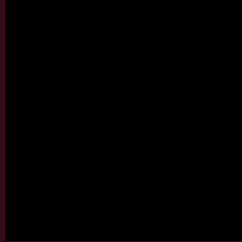
Any Text WCAG AA × Fail

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 10.2398, 12.3016, 0.5212 Background



This preview shows how black text looks on a background with the HunterLab color 10.2398, 12.3016, 0.5212.



This preview shows how white text looks on a background with the HunterLab color 10.2398, 12.3016,

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

10.2398, 12.3016, 0.5212

Protanopia

10.8798, 0.2412, -2.8299

Deuteranopia

10.7756, 0.4092, 1.5866



Tritanopia

10.2585, 10.0358, 3.8849

Trichromacy



Original Color

10.2398, 12.3016, 0.5212

Protanomaly

10.2027, 4.0943, -2.0029

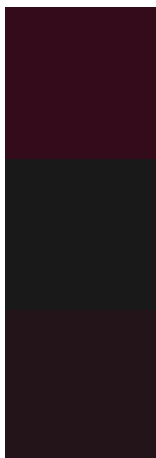
Deuteranomaly

10.2090, 4.7122, 0.6976

Tritanomaly

10.1915, 10.6559, 2.8823

Monochromacy



Original Color

10.2398, 12.3016, 0.5212

Achromatopsia

9.8596, -0.5261, 0.5357

Achromatomaly

9.6551, 3.9897, 0.0180

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 10.2398, 12.3016, 0.5212 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(52, 11, 27)` looks like.

```
.text, #text, p{  
    color:rgb(52, 11, 27)  
}
```

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(52, 11, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 11, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 10.2398, 12.3016, 0.5212 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(52, 11, 27) }
```


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

```
.border{ border-color:rgb(52, 11, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 11, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 11, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 11, 27);  
box-shadow:4px 4px 4px 4px rgb(52, 11, 27)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 10.2398, 12.3016, 0.5212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 11, 27) }
```

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

```
.background{ background-color: rgb(52, 11,  
27) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor