

Converting Colors

HunterLab(12.5031, 0.9694,
1.5742)

Have a look what the booklet for
HunterLab(12.5031, 0.9694, 1.5742)
contains.

HunterLab(12.5031, 0.9694, 1.5742)	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(12.5031, 0.9694,
1.5742)**

Conversions

Conversions Part 1

Format	Color
Hex	27201F
RGB	39, 32, 31
RGB Percent	15%, 13%, 12%
CMY	0.8471, 0.8745, 0.8784
CMYK	0.00, 0.18, 0.21, 0.85
HSL	8°, 11%, 14%
HSV	8°, 21%, 15%
XYZ	1.6005, 1.5633, 1.5137
YIQ	33.9790, 4.4930, 1.1730

Conversions

Conversions Part 2

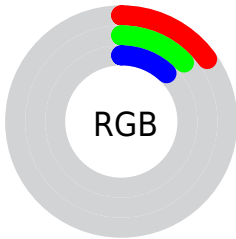
Format	Color
R_{YB}	39, 32, 31
Decimal	2564127
CIE _{Lab}	13.01, 3.14, 1.92
CIE _{LCh}	13, 3.677, 31.455
Yxy	1.5633, 0.3422, 0.3342
Android (android.graphics.Color)	4280754207 (0xFF27201F)
YUV	33.9790, -1.4686, 4.4034
Hunter-Lab	12.5031, 0.9694, 1.5742

Details

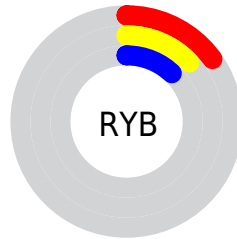
The HunterLab color **12.5031, 0.9694, 1.5742** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **13.5054, -2.1653, -0.1425**, and the grayscale version is **12.6447, -0.6747, 0.6870**.

A 20% lighter version of the original color is **27.4985, 0.6307, 2.6031**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.7032, 1.8647, 1.9602**, and if you desaturate by 10%, it is **13.3364, 0.1087, 1.1851**.

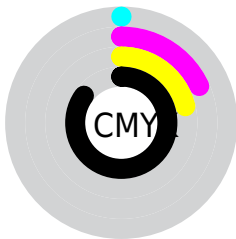
Distribution



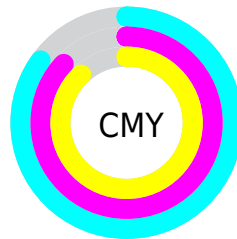
- Red (15%)
- Green (13%)
- Blue (12%)



- Red (15%)
- Yellow (13%)
- Blue (12%)



- Cyan (0%)
- Magenta (18%)
- Yellow (21%)
- Black (85%)



- Cyan (85%)
- Magenta (87%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5031, 0.9694, 1.5742 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 12.5031, 0.9694, 1.5742 by changing the saturation by 10% instead.

■ 12.5031, 0.9694,
1.5742

■ 12.5031, 0.9694,
1.5742

103.9111, -2.2965,
7.5204

■ 5.7680, 2.0613,
1.6927

■ 27.4585, 0.6395,
2.6750

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.2785, 0.3675,
3.2749

0.0000, NaN, NaN

■ 45.8813, 0.0379,
3.9074

0.0000, NaN, NaN

■ 56.2078, -0.3430,
4.5713

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.2104, -0.7703,
5.2655

0.0000, NaN, NaN

■ 78.8497, -1.2402,

0.0000, NaN, NaN

5.9891

■ 91.0928, -1.7498,
6.7410

■ 12.5031, 0.9694,
1.5742

■ 12.5031, 0.9694,
1.5742

■ 11.7032, 1.8647,
1.9602

■ 13.3364, 0.1087,
1.1851

■ 10.9401, 2.7968,
2.3399

■ 14.1989, -0.7184,
0.7940

■ 10.2189, 3.7640,
2.7097

■ 15.0876, -1.5151,
0.4020

■ 9.5452, 4.7616,
3.0641

■ 16.0002, -2.2842,
0.0097

■ 8.9255, 5.7798,
3.3956

■ 16.9344, -3.0287,
-0.3825

■ 8.3645, 6.7913,
3.7261

■ 17.8883, -3.7514,
-0.7745

■ 7.8463, 7.7690,
4.1680

■ 18.8604, -4.4547,
-1.1664

■ 7.3298, 8.8385,
4.6713

■ 19.8493, -5.1409,
-1.5582

■ 20.8538, -5.8122,
-1.9501

Harmonies

Analogous

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



12.5034, 1.2586, 0.7257



12.5031, 0.9694, 1.5742



12.5034, 0.2391, 2.1456

Triad

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



12.5034, 0.9690, 1.5744



12.5034, -2.2697, 1.5018



12.5034, -0.6203, -1.2331

Complementary

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



12.5031, 0.9694, 1.5742



13.5054, -2.1653, -0.1425

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.



12.5034, -1.5496, -0.9864



12.5031, 0.9694, 1.5742



12.5034, -2.4842, 0.6353

Square

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



12.5034, 0.9690, 1.5744



12.5034, -1.6295, 2.1060



12.5034, -2.2246, -0.2845



12.5034, 0.3238, -0.9353

Rectangle

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



12.5031, 0.9694, 1.5742



12.5034, -0.3885, 2.3162



12.5034, -2.2246, -0.2845



12.5034, -0.9447, -1.2110

Sweetspot

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



12.5034, 0.9690, 1.5744



17.4846, -0.3009, 1.3085



12.4567, 2.2406, -1.0399



9.6363, -0.1806, 0.7129



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

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



12.5034, 0.9690, 1.5744



15.3380, 1.9355, 2.3147



13.3716, -0.5345, 2.4822



8.0662, -0.0580, 0.6486



14.5616, 20.9015, 9.3387



38.3476, 60.5761, 24.6901

Inverse Universe

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



13.5054, -2.1653, -0.1425



16.9897, -3.2407, -0.5176



12.5923, -0.6996, -1.2906



8.3035, -0.7984, 0.2425



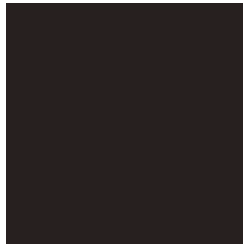
23.4299, -10.3022, -7.0458



62.8527, -26.9969, -20.2817

Previews

White Background



This preview shows how the HunterLab color 12.5031, 0.9694, 1.5742 looks on a white background.

Color Contrast Check

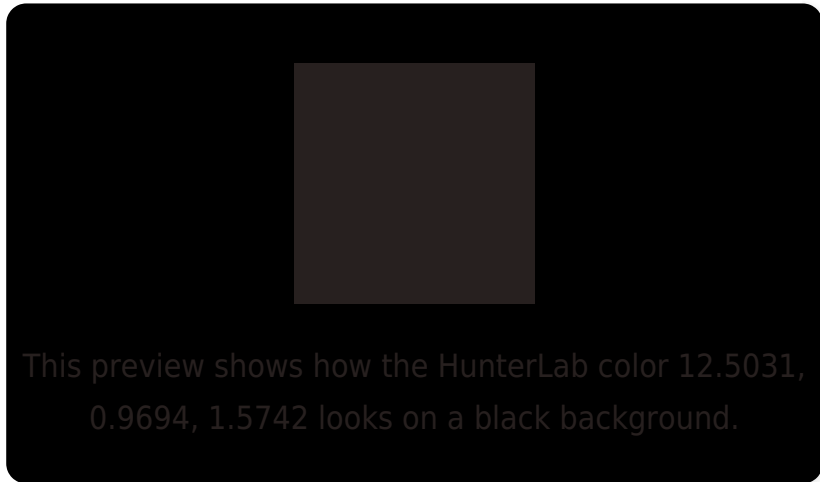
Large Text (above 18pt) WCAG AA ✓ Pass

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

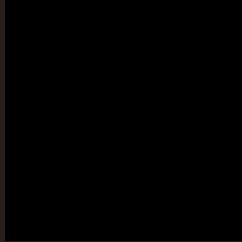
Any Text WCAG AA × Fail

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 12.5031, 0.9694, 1.5742 Background



This preview shows how black text looks on a background with the HunterLab color 12.5031, 0.9694, 1.5742.

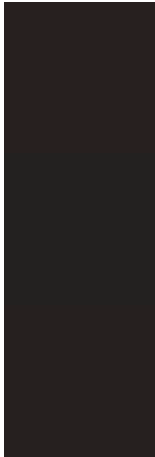


This preview shows how white text looks on a background with the HunterLab color 12.5031, 0.9694,

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

12.5031, 0.9694, 1.5742

Protanopia

12.4472, -0.3046, 1.1555

Deuteranopia

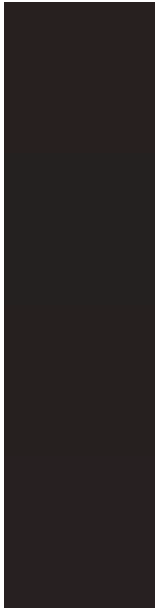
12.4259, 0.7099, 1.4838



Tritanopia

12.5692, 1.3217, 0.6295

Trichromacy



Original Color

12.5031, 0.9694, 1.5742

Protanomaly

12.5182, -0.0601, 1.2405

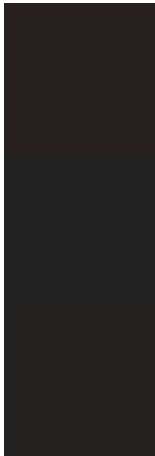
Deuteranomaly

12.4259, 0.7099, 1.4838

Tritanomaly

12.5466, 1.2012, 0.9528

Monochromacy



Original Color

12.5031, 0.9694, 1.5742

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.5403, 0.0594, 0.9255

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5031, 0.9694, 1.5742 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(39, 32, 31)` looks like.

```
.text, #text, p{  
    color:rgb(39, 32, 31)  
}
```

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(39, 32, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 32, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5031, 0.9694, 1.5742 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(39, 32, 31) }
```


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

```
.border{ border-color:rgb(39, 32, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 32, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 32, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 32, 31);  
box-shadow:4px 4px 4px 4px rgb(39, 32, 31)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.5031, 0.9694, 1.5742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 32, 31) }
```

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

```
.background{ background-color: rgb(39, 32,  
31) }
```

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