

Converting Colors

HunterLab(12.5894, 1.0131,
4.8241)

Have a look what the booklet for
HunterLab(12.5894, 1.0131, 4.8241)
contains.

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Color

**HunterLab(12.6239, 0.9605,
4.9020)**

Conversions

Conversions Part 1

Format	Color
Hex	2B2013
RGB	43, 32, 19
RGB Percent	17%, 13%, 7%
CMY	0.8314, 0.8745, 0.9255
CMYK	0.00, 0.26, 0.56, 0.83
HSL	33°, 39%, 12%
HSV	33°, 56%, 17%
XYZ	1.6303, 1.5936, 0.8378
YIQ	33.8070, 10.7290, -1.7110

Conversions

Conversions Part 2

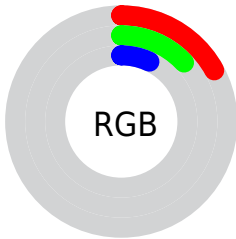
Format	Color
RYB	39, 43, 19
Decimal	2826259
CIELab	13.19, 3.12, 10.76
CIELCh	13, 11.205, 73.820
Yxy	1.5937, 0.4014, 0.3924
Android (android.graphics.Color)	4281016339 (0xFF2B2013)
YUV	33.8070, -7.2999, 8.0623
Hunter-Lab	12.6239, 0.9605, 4.9020

Details

The HunterLab color **12.6239, 0.9605, 4.9020** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **11.1416, -0.7716, -5.3102**, and the grayscale version is **12.6068, -0.6727, 0.6850**.

A 20% lighter version of the original color is **27.6218, 0.4299, 7.5515**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.1546, 1.4251, 5.3642**, and if you desaturate by 10%, it is **13.1115, 0.5413, 4.3513**.

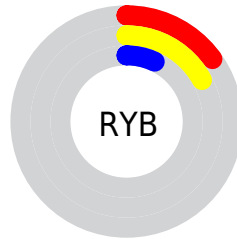
Distribution



Red (17%)

Green (13%)

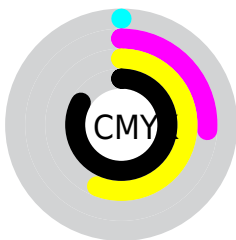
Blue (7%)



Red (15%)

Yellow (17%)

Blue (7%)

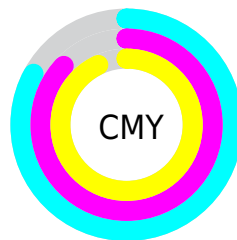


Cyan (0%)

Magenta (26%)

Yellow (56%)

Black (83%)



Cyan (83%)

Magenta (87%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.6239, 0.9605, 4.9020 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 12.6239, 0.9605, 4.9020 by changing the saturation by 10% instead.

■ 12.6239, 0.9605,
4.9020

■ 12.6239, 0.9605,
4.9020

■ 104.1556, -2.3218,
15.6888

■ 5.9443, 1.9712,
4.1610

■ 27.6154, 0.6253,
7.4644

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.4506, 0.3514,
8.6704

0.0000, NaN, NaN

■ 46.0675, 0.0199,
9.8513

0.0000, NaN, NaN

■ 56.4070, -0.3626,
11.0195

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.4218, -0.7915,
12.1827

0.0000, NaN, NaN

■ 79.0727, -1.2629,

0.0000, NaN, NaN

13.3464

■ 91.3267, -1.7738,
14.5142

■ 12.6239, 0.9605,
4.9020

■ 12.6239, 0.9605,
4.9020

■ 12.1546, 1.4251,
5.3642

■ 13.1115, 0.5413,
4.3513

■ 11.7036, 1.9375,
5.7324

■ 13.6155, 0.1676,
3.7171

■ 11.2682, 2.4749,
6.0650

■ 14.1351, -0.1627,
3.0050

■ 10.8431, 3.0051,
6.4513

■ 14.6695, -0.4516,
2.2204

■ 10.6682, 3.2245,
6.6302

■ 15.2179, -0.7013,
1.3686

■ 15.7793, -0.9140,
0.4543

■ 16.3531, -1.0918,
-0.5178

■ 16.9386, -1.2369,
-1.5434

■ 17.5351, -1.3514,
-2.6189

Harmonies

Analogous

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



12.6242, 3.7250, 3.9048



12.6239, 0.9605, 4.9020



12.6242, -2.0122, 4.9414

Triad

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



12.6242, 0.9600, 4.9022



12.6242, -5.7638, -0.6834



12.6242, 3.5368, -3.9046

Complementary

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



12.6239, 0.9605, 4.9020



11.1416, -0.7716, -5.3102

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.



12.6242, 0.7218, -5.8231



12.6239, 0.9605, 4.9020



12.6242, -4.5430, -3.6923

Square

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



12.6242, 0.9600, 4.9022



12.6242, -5.7129, 2.1117



12.6242, -2.2294, -5.7375



12.6242, 5.3042, -0.9255

Rectangle

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



12.6239, 0.9605, 4.9020



12.6242, -3.7037, 4.4253



12.6242, -2.2294, -5.7375



12.6242, 2.6709, -4.7227

Sweetspot

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



12.6242, 0.9600, 4.9022



18.6474, -0.5009, 3.0771



10.3639, 7.1130, -0.5930



10.1151, -0.2782, 1.6472



57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

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



12.6242, 0.9600, 4.9022



15.2703, 2.1650, 7.1391



15.0706, -3.3428, 6.8040



8.2429, -0.3565, 0.8448



19.5282, 8.1510, 12.1759



51.1155, 26.2827, 31.9573

Inverse Universe

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



11.1416, -0.7716, -5.3102



12.9077, -0.4842, -9.2994



8.8703, 3.6621, -9.7465



8.1230, -0.5032, 0.0285



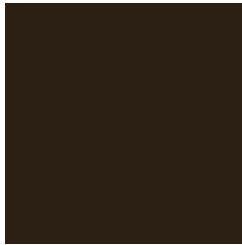
14.3702, 3.6378, -25.8146



36.4477, 15.1329, -78.2239

Previews

White Background



This preview shows how the HunterLab color 12.6239, 0.9605, 4.9020 looks on a white background.

Color Contrast Check

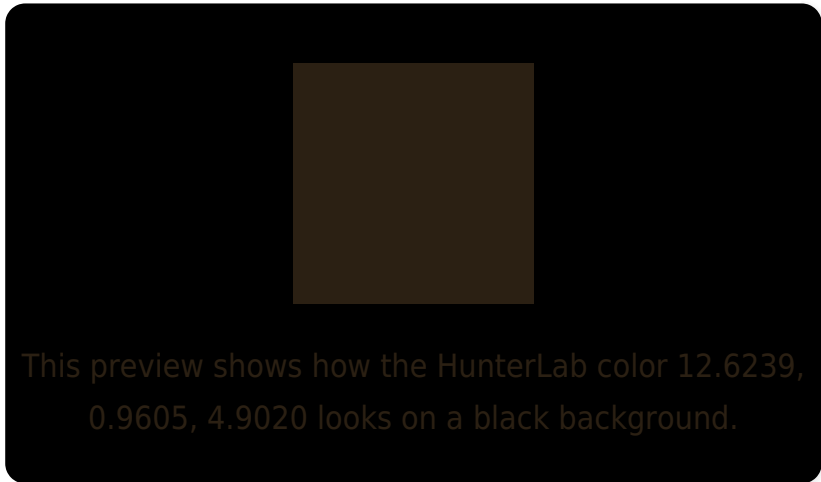
Large Text (above 18pt) WCAG AA ✓ Pass

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

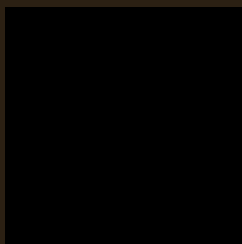
Any Text WCAG AA × Fail

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 12.6239, 0.9605, 4.9020 Background



This preview shows how black text looks on a background with the HunterLab color 12.6239, 0.9605, 4.9020.



This preview shows how white text looks on a background with the HunterLab color 12.6239, 0.9605,

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

12.6239, 0.9605, 4.9020

Protanopia

12.6011, -1.3528, 4.6271

Deuteranopia

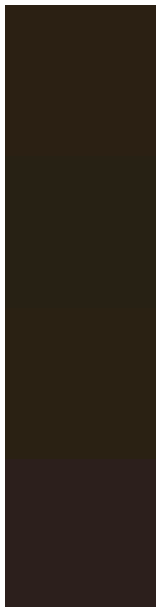
12.7553, 0.2963, 5.0012



Tritanopia

12.5452, 3.3370, 0.9886

Trichromacy



Original Color

12.6239, 0.9605, 4.9020

Protanomaly

12.5282, -0.4553, 4.5798

Deuteranomaly

12.7553, 0.2963, 5.0012

Tritanomaly

12.6463, 2.4047, 2.6840

Monochromacy



Original Color

12.6239, 0.9605, 4.9020

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.5289, -0.1479, 2.2169

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.6239, 0.9605, 4.9020 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(43, 32, 19)` looks like.

```
.text, #text, p{  
    color:rgb(43, 32, 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(43, 32, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 32, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 12.6239, 0.9605, 4.9020 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(43, 32, 19) }
```


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

```
.border{ border-color:rgb(43, 32, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 32, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 32, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 32, 19);  
box-shadow:4px 4px 4px 4px rgb(43, 32, 19)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.6239, 0.9605, 4.9020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 32, 19) }
```

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

```
.background{ background-color: rgb(43, 32,  
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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