

Converting Colors

HunterLab(12.9571, 11.3145,
-12.9072)

Have a look what the booklet for
HunterLab(12.9571, 11.3145,
-12.9072) contains.

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Color

**HunterLab(13.0232, 11.2526,
-12.5266)**

Conversions

Conversions Part 1

Format	Color
Hex	31193E
RGB	49, 25, 62
RGB Percent	19%, 10%, 24%
CMY	0.8078, 0.9020, 0.7569
CMYK	0.21, 0.60, 0.00, 0.76
HSL	279°, 43%, 17%
HSV	279°, 60%, 24%
XYZ	2.4838, 1.6960, 4.7539
YIQ	36.3940, 2.4270, 16.5950

Conversions

Conversions Part 2

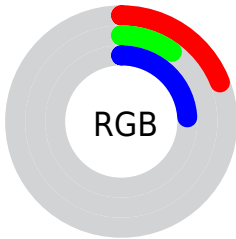
Format	Color
RYB	49, 25, 62
Decimal	3217726
CIELab	13.80, 19.91, -19.04
CIElCh	14, 27.548, 316.282
Yxy	1.6961, 0.2780, 0.1899
Android (android.graphics.Color)	4281407806 (0xFF31193E)
YUV	36.3940, 12.6238, 11.0555
Hunter-Lab	13.0232, 11.2526, -12.5266

Details

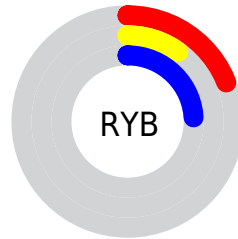
The HunterLab color **13.0232, 11.2526, -12.5266** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **19.8181, -10.3856, 9.2783**, and the grayscale version is **13.3687, -0.7133, 0.7263**.

A 20% lighter version of the original color is **28.0514, 13.0570, -13.6660**, and **2.5570, 3.9049, -11.6255** is the 20% darker color. If you saturate the color by 10%, you get **11.8616, 13.2994, -15.2386**, and if you desaturate by 10%, it is **14.3066, 9.1379, -9.9116**.

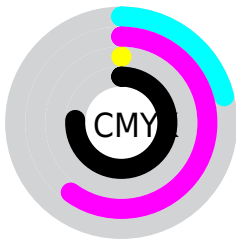
Distribution



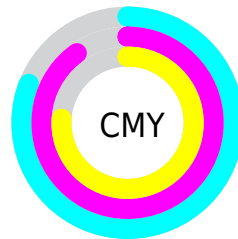
- Red (19%)
- Green (10%)
- Blue (24%)



- Red (19%)
- Yellow (10%)
- Blue (24%)



- Cyan (21%)
- Magenta (60%)
- Yellow (0%)
- Black (76%)



- Cyan (81%)
- Magenta (90%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.0232, 11.2526, -12.5266 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 13.0232, 11.2526, -12.5266 by changing the saturation by 10% instead.

■ 13.0232, 11.2526,
-12.5266

■ 13.0232, 11.2526,
-12.5266

■ 104.9592, 15.7959,
-14.8029

■ 6.4895, 13.0442,
-14.1633

■ 28.1326, 13.0476,
-13.4253

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 37.0177, 13.7285,
-13.8173

0.0000, NaN, NaN

■ 46.6804, 14.2925,
-14.1424

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.0625, 14.7549,
-14.3992

0.0000, NaN, NaN

■ 68.1172, 15.1279,
-14.5901

0.0000, NaN, NaN

■ 79.8060, 15.4208,

0.0000, NaN, NaN

-14.7187

92.0960, 15.6413,
-14.7885

13.0232, 11.2526,
-12.5266

13.0232, 11.2526,
-12.5266

11.8616, 13.2994,
-15.2386

14.3066, 9.1379,
-9.9116

10.8416, 15.1902,
-17.9771

15.6929, 7.0104,
-7.4262

9.9442, 16.9360,
-20.7487

17.1670, 4.8996,
-5.0763

8.9948, 19.1457,
-24.1632

18.7165, 2.8193,
-2.8548

8.9625, 19.2292,
-24.2898

20.3313, 0.7743,
-0.7489

■ 22.0033, -1.2358,
1.2561

■ 23.7258, -3.2138,
3.1745

■ 25.4936, -5.1635,
5.0194

■ 27.3021, -7.0891,
6.8022

Harmonies

Analogous

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



13.0235, 3.5340, -20.0955



13.0232, 11.2526, -12.5266



13.0235, 16.1898, -2.9227

Triad

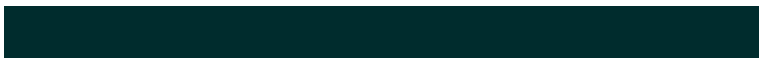
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13.0235, 11.2523, -12.5261



13.0235, 2.8496, 9.1164



13.0235, -11.7306, -3.6804

Complementary

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



13.0232, 11.2526, -12.5266



19.8181, -10.3856, 9.2783

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.



13.0235, -11.8373, 3.5251



13.0232, 11.2526, -12.5266



13.0235, -4.4460, 9.1164

Square

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



13.0235, 11.2523, -12.5261



13.0235, 10.6560, 7.8784



13.0235, -9.4591, 7.6010



13.0235, -9.1354, -13.3396

Rectangle

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



13.0232, 11.2526, -12.5266



13.0235, 16.6591, 2.1034



13.0235, -9.4591, 7.6010



13.0235, -12.0449, -0.8591

Sweetspot

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



13.0235, 11.2523, -12.5261



24.8224, 3.4843, -3.5205



14.0616, 0.5499, -10.5420



12.6002, 1.9602, -1.9869



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



13.0235, 11.2523, -12.5261



14.8346, 18.9581, -22.1136



14.1970, 13.8111, -7.2126



10.8380, 0.2732, -0.2583



13.4645, 29.1070, -38.1882



33.4462, 73.0215, -100.4318

Inverse Universe

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



13.6360, 11.2734, 0.6264



16.0024, 18.7722, 1.5455



19.3530, -12.1274, 7.9633



10.8665, 0.2779, 0.4938



15.8394, 27.8240, 4.8202



40.0690, 69.9901, 15.2651

Previews

White Background



This preview shows how the HunterLab color 13.0232, 11.2526, -12.5266 looks on a white background.

Color Contrast Check

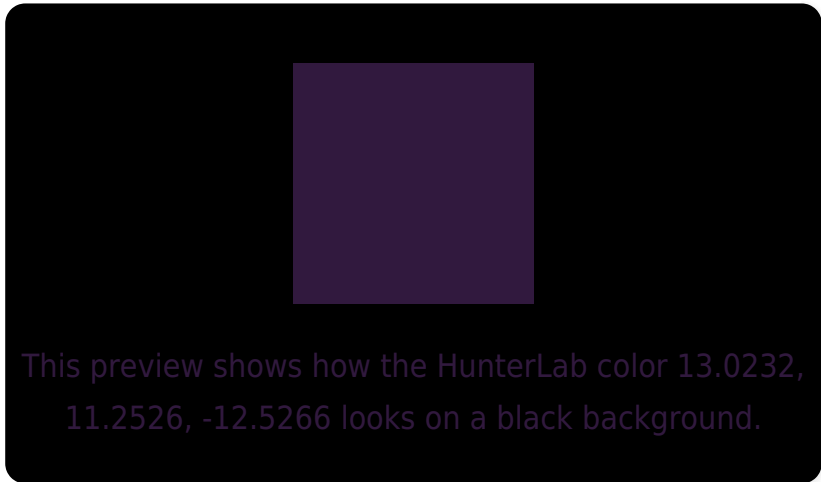
Large Text (above 18pt) WCAG AA ✓ Pass

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

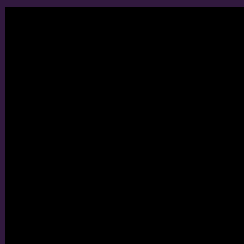
Any Text WCAG AA × Fail

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 13.0232, 11.2526, -12.5266 Background



This preview shows how black text looks on a background with the HunterLab color 13.0232, 11.2526, -12.5266.



This preview shows how white text looks on a background with the HunterLab color 13.0232, 11.2526, -12.5266.

-12.5266.

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

13.0232, 11.2526, -12.5266

Protanopia

13.1950, 2.7298, -19.3698

Deuteranopia

13.1785, 0.4377, -11.1049



Tritanopia

13.2927, 2.6469, 1.1448

Trichromacy



Original Color

13.0232, 11.2526, -12.5266

Protanomaly

12.6649, 5.0982, -17.7087

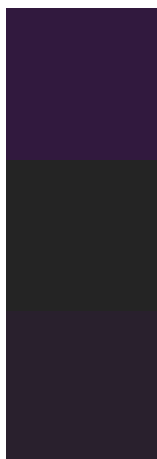
Deuteranomaly

12.8890, 4.0884, -12.2950

Tritanomaly

13.0340, 5.4657, -3.1660

Monochromacy



Original Color

13.0232, 11.2526, -12.5266

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.0150, 3.3455, -3.2313

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.0232, 11.2526, -12.5266 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(49, 25, 62)` looks like.

```
.text, #text, p{  
    color:rgb(49, 25, 62)  
}
```

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(49, 25, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 25, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 13.0232, 11.2526, -12.5266 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(49, 25, 62) }
```


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

```
.border{ border-color:rgb(49, 25, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 25, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 25, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 25, 62);  
box-shadow:4px 4px 4px 4px rgb(49, 25, 62)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.0232, 11.2526, -12.5266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 25, 62) }
```

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

```
.background{ background-color: rgb(49, 25,  
62) }
```

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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