

Converting Colors

HunterLab(12.4610, 4.9447,
-9.6517)

Have a look what the booklet for
HunterLab(12.4610, 4.9447, -9.6517)
contains.

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Color

**HunterLab(12.5676, 4.7287,
-9.2248)**

Conversions

Conversions Part 1

Format	Color
Hex	241E37
RGB	36, 30, 55
RGB Percent	14%, 12%, 22%
CMY	0.8588, 0.8823, 0.7843
CMYK	0.35, 0.45, 0.00, 0.78
HSL	254°, 29%, 17%
HSV	254°, 45%, 22%
XYZ	1.8814, 1.5794, 3.8201
YIQ	34.6440, -4.4490, 9.0470

Conversions

Conversions Part 2

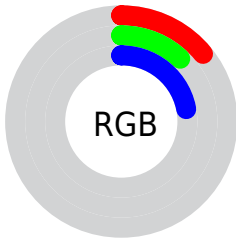
Format	Color
R_{YB}	36, 30, 55
Decimal	2367031
CIE Lab	13.10, 9.80, -15.29
CIE LCh	13, 18.166, 302.662
Yxy	1.5795, 0.2584, 0.2169
Android (android.graphics.Color)	4280557111 (0xFF241E37)
YUV	34.6440, 10.0355, 1.1892
Hunter-Lab	12.5676, 4.7287, -9.2248

Details

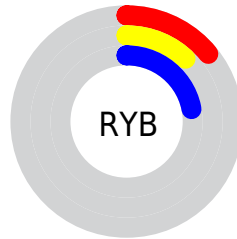
The HunterLab color **12.5676, 4.7287, -9.2248** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **18.6524, -5.2032, 7.4979**, and the grayscale version is **12.8219, -0.6841, 0.6966**.

A 20% lighter version of the original color is **27.5793, 5.0699, -9.9407**, and **1.3241, 3.5916, -9.4081** is the 20% darker color. If you saturate the color by 10%, you get **11.1989, 6.1714, -12.1270**, and if you desaturate by 10%, it is **14.0083, 3.3605, -6.6074**.

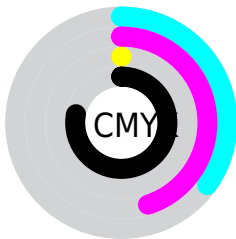
Distribution



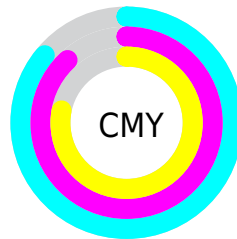
- Red (14%)
- Green (12%)
- Blue (22%)



- Red (14%)
- Yellow (12%)
- Blue (22%)



- Cyan (35%)
- Magenta (45%)
- Yellow (0%)
- Black (78%)



- Cyan (86%)
- Magenta (88%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5676, 4.7287, -9.2248 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 12.5676, 4.7287, -9.2248 by changing the saturation by 10% instead.

■ 12.5676, 4.7287,
-9.2248

■ 12.5676, 4.7287,
-9.2248

■ 104.0416, 4.7500,
-10.4884

■ 5.8628, 6.9736,
-11.3406

■ 27.5422, 5.3276,
-9.9816

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 36.3704, 5.4589,
-10.2572

0.0000, NaN, NaN

■ 45.9807, 5.5033,
-10.4576

0.0000, NaN, NaN

■ 56.3142, 5.4728,
-10.5868

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.3232, 5.3762,
-10.6500

0.0000, NaN, NaN

■ 78.9688, 5.2201,

0.0000, NaN, NaN

-10.6518

91.2177, 5.0100,
-10.5966

12.5676, 4.7287,
-9.2248

12.5676, 4.7287,
-9.2248

11.1989, 6.1714,
-12.1270

14.0083, 3.3605,
-6.6074

9.9169, 7.6936,
-15.3642

15.5089, 2.0570,
-4.2253

8.7424, 9.2836,
-18.9631

17.0610, 0.8070,
-2.0337

7.6864, 10.9444,
-22.9525

18.6581, -0.3999,
0.0043

6.5767, 13.3354,
-28.2988

20.2948, -1.5722,
1.9187

■ 6.0244, 14.8955,
-31.5992

■ 21.9673, -2.7173,
3.7331

■ 23.6721, -3.8410,
5.4665

■ 25.4065, -4.9481,
7.1339

■ 27.1683, -6.0425,
8.7473

Harmonies

Analogous

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



12.5678, -0.2381, -11.6845



12.5676, 4.7287, -9.2248



12.5678, 8.6608, -4.0725

Triad

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



12.5678, 4.7286, -9.2245



12.5678, 3.8717, 6.6677



12.5678, -8.6502, 0.2679

Complementary

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



12.5676, 4.7287, -9.2248



18.6524, -5.2032, 7.4979

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.



12.5678, -7.8865, 4.0952



12.5676, 4.7287, -9.2248



12.5678, -1.0986, 7.3304

Square

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



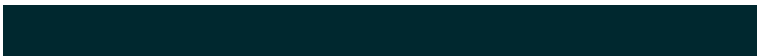
12.5678, 4.7286, -9.2245



12.5678, 8.1161, 4.5789



12.5678, -5.2898, 6.3894



12.5678, -7.5573, -5.0609

Rectangle

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



12.5676, 4.7287, -9.2248



12.5678, 9.8983, -0.4941



12.5678, -5.2898, 6.3894



12.5678, -8.6020, 1.7583

Sweetspot

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



12.5678, 4.7286, -9.2245



22.1907, 0.9207, -2.4180



16.6207, -4.0593, -2.7230



11.5247, 0.5332, -1.3528



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.



12.5678, 4.7286, -9.2245



14.0820, 8.4018, -16.5587



13.5681, 7.6798, -7.2993



10.0419, -0.0288, -0.3177



9.6961, 24.5379, -55.2294



24.2431, 62.6782, -148.3733

Inverse Universe

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



14.0092, 8.5387, -3.5159



16.5600, 14.3171, -5.8494



17.9257, -7.9532, 6.8437



10.1698, 0.3755, 0.0939



16.4447, 30.8332, -10.0797



42.2899, 78.9909, -23.5882

Previews

White Background



This preview shows how the HunterLab color 12.5676, 4.7287, -9.2248 looks on a white background.

Color Contrast Check

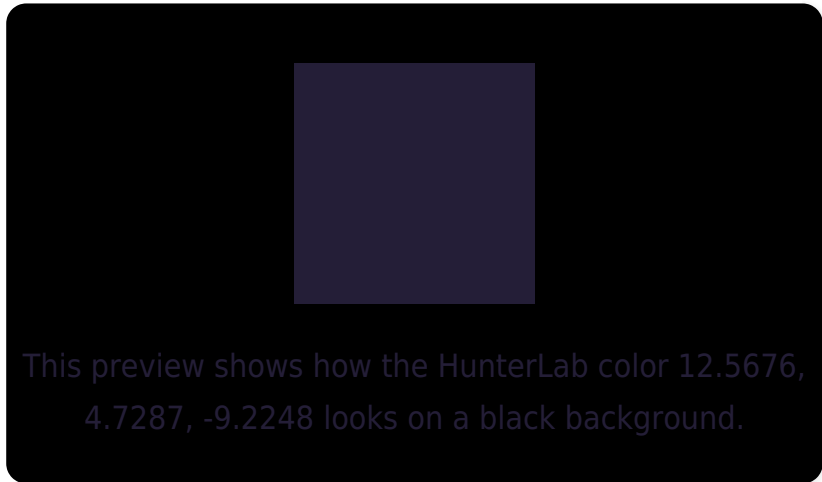
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.5676, 4.7287, -9.2248 Background



This preview shows how black text looks on a background with the HunterLab color 12.5676, 4.7287, -9.2248.



This preview shows how white text looks on a background with the HunterLab color 12.5676, 4.7287, -9.2248.

-9.2248.

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

12.5676, 4.7287, -9.2248

Protanopia

12.5513, 1.6562, -11.1462

Deuteranopia

12.5737, 0.2667, -8.7044



Tritanopia

12.5885, -0.7375, -0.4994

Trichromacy



Original Color

12.5676, 4.7287, -9.2248

Protanomaly

12.5511, 2.6950, -10.5045

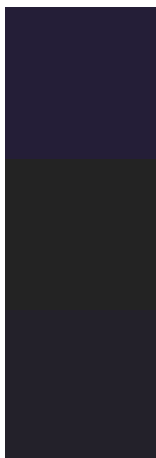
Deuteranomaly

12.5979, 1.4985, -8.6363

Tritanomaly

12.6210, 0.9054, -3.4012

Monochromacy



Original Color

12.5676, 4.7287, -9.2248

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.6973, 1.0448, -2.3862

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5676, 4.7287, -9.2248 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(36, 30, 55)` looks like.

```
.text, #text, p{  
    color:rgb(36, 30, 55)  
}
```

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(36, 30, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 30, 55) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5676, 4.7287, -9.2248 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(36, 30, 55) }
```


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

```
.border{ border-color:rgb(36, 30, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 30, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 30, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 30, 55);  
box-shadow:4px 4px 4px 4px rgb(36, 30, 55)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.5676, 4.7287, -9.2248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 30, 55) }
```

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

```
.background{ background-color: rgb(36, 30,  
55) }
```

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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