

Converting Colors

HunterLab(12.6002, 4.9801,
-12.6294)

Have a look what the booklet for
HunterLab(12.6002, 4.9801,
-12.6294) contains.

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Color

**HunterLab(12.5401, 5.1319,
-13.0567)**

Conversions

Conversions Part 1

Format	Color
Hex	201E3D
RGB	32, 30, 61
RGB Percent	13%, 12%, 24%
CMY	0.8745, 0.8824, 0.7608
CMYK	0.48, 0.51, 0.00, 0.76
HSL	244°, 34%, 18%
HSV	244°, 51%, 24%
XYZ	1.9022, 1.5725, 4.6182
YIQ	34.1320, -8.7590, 10.0650

Conversions

Conversions Part 2

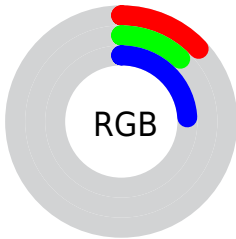
Format	Color
RYB	32, 30, 61
Decimal	2104893
CIELab	13.06, 10.48, -19.64
CIELCh	13, 22.264, 298.094
Yxy	1.5726, 0.2351, 0.1943
Android (android.graphics.Color)	4280294973 (0xFF201E3D)
YUV	34.1320, 13.2459, -1.8698
Hunter-Lab	12.5401, 5.1319, -13.0567

Details

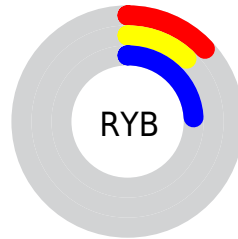
The HunterLab color **12.5401, 5.1319, -13.0567** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **20.8831, -4.8620, 9.2956**, and the grayscale version is **12.6510, -0.6750, 0.6874**.

A 20% lighter version of the original color is **27.6069, 5.6836, -13.9615**, and **2.4936, 3.6559, -11.0088** is the 20% darker color. If you saturate the color by 10%, you get **10.9983, 6.7284, -16.9053**, and if you desaturate by 10%, it is **14.1821, 3.6872, -9.6536**.

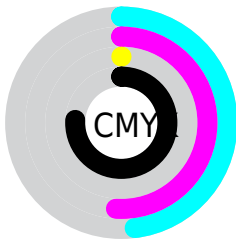
Distribution



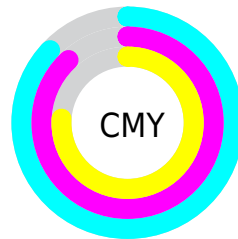
- Red (13%)
- Green (12%)
- Blue (24%)



- Red (13%)
- Yellow (12%)
- Blue (24%)



- Cyan (48%)
- Magenta (51%)
- Yellow (0%)
- Black (76%)



- Cyan (87%)
- Magenta (88%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5401, 5.1319, -13.0567 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 12.5401, 5.1319, -13.0567 by changing the saturation by 10% instead.

■ 12.5401, 5.1319,
-13.0567

■ 12.5401, 5.1319,
-13.0567

■ 103.9859, 5.4811,
-15.5108

■ 5.8225, 7.5355,
-15.9870

■ 27.5065, 5.8217,
-13.9661

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 36.3311, 5.9930,
-14.3795

0.0000, NaN, NaN

■ 45.9383, 6.0749,
-14.7284

0.0000, NaN, NaN

■ 56.2688, 6.0796,
-15.0100

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.2751, 6.0163,
-15.2258

0.0000, NaN, NaN

■ 78.9180, 5.8919,

0.0000, NaN, NaN

-15.3789

91.1644, 5.7120,
-15.4727

12.5401, 5.1319,
-13.0567

12.5401, 5.1319,
-13.0567

10.9983, 6.7284,
-16.9053

14.1821, 3.6872,
-9.6536

9.5816, 8.4939,
-21.2662

15.9051, 2.3681,
-6.6156

8.3261, 10.4111,
-26.1258

17.6960, 1.1496,
-3.8678

7.1952, 12.6619,
-31.7244

19.5449, 0.0103,
-1.3490

6.0194, 15.9055,
-39.4988

21.4446, -1.0668,
0.9890

■ 23.3891, -2.0949,
3.1841

■ 25.3740, -3.0847,
5.2653

■ 27.3957, -4.0441,
7.2555

■ 29.4511, -4.9796,
9.1725

Harmonies

Analogous

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



12.5403, -1.0449, -15.6013



12.5401, 5.1319, -13.0567



12.5403, 10.4864, -6.4652

Triad

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



12.5403, 5.1319, -13.0563



12.5403, 5.9067, 7.5813



12.5403, -10.1134, 1.0363

Complementary

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



12.5401, 5.1319, -13.0567



20.8831, -4.8620, 9.2956

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.



12.5403, -8.9200, 5.2235



12.5401, 5.1319, -13.0567



12.5403, -0.2902, 8.6891

Square

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



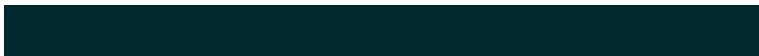
12.5403, 5.1319, -13.0563



12.5403, 10.9888, 4.7995



12.5403, -5.5773, 7.8261



12.5403, -9.1902, -5.5367

Rectangle

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



12.5401, 5.1319, -13.0567



12.5403, 12.4725, -1.7541



12.5403, -5.5773, 7.8261



12.5403, -9.9513, 2.7111

Sweetspot

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



12.5403, 5.1319, -13.0563



24.1452, 0.7177, -3.2968



19.4612, -6.8621, -1.5786



12.6917, 0.4434, -1.8865



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.



12.5403, 5.1319, -13.0563



13.6946, 9.3555, -23.4645



13.6786, 8.4413, -10.5600



10.7186, -0.1349, -0.4163



9.2398, 24.6378, -62.3566



23.1556, 62.3953, -161.3192

Inverse Universe

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



14.9548, 11.7639, -6.9832



17.7664, 19.3101, -11.4949



19.9139, -8.4991, 8.4649



10.9078, 0.5004, -0.0938



17.6271, 34.2086, -19.7849



44.7628, 86.7799, -49.5414

Previews

White Background



This preview shows how the HunterLab color 12.5401, 5.1319, -13.0567 looks on a white background.

Color Contrast Check

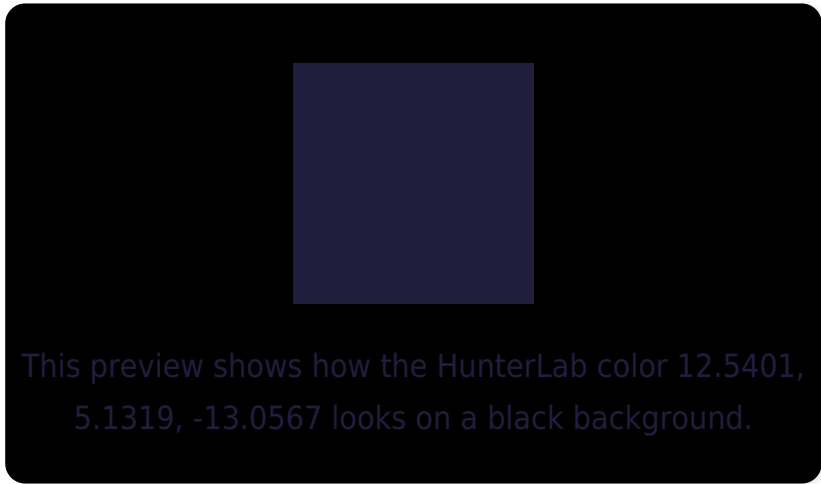
Large Text (above 18pt) WCAG AA ✓ Pass

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

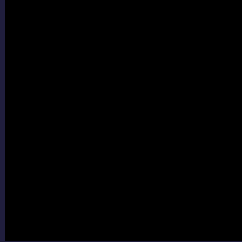
Any Text WCAG AA × Fail

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 12.5401, 5.1319, -13.0567 Background



This preview shows how black text looks on a background with the HunterLab color 12.5401, 5.1319, -13.0567.



This preview shows how white text looks on a background with the HunterLab color 12.5401, 5.1319, -13.0567.

-13.0567.

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

12.5401, 5.1319, -13.0567

Protanopia

12.5581, 2.1934, -15.1238

Deuteranopia

12.3888, 0.1164, -12.8230



Tritanopia

12.7330, -2.5624, -0.7373

Trichromacy



Original Color

12.5401, 5.1319, -13.0567

Protanomaly

12.4999, 3.0381, -14.5501

Deuteranomaly

12.4200, 1.3885, -12.7302

Tritanomaly

12.6023, -0.1840, -4.3982

Monochromacy



Original Color

12.5401, 5.1319, -13.0567

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.6210, 0.9054, -3.4012

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5401, 5.1319, -13.0567 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(32, 30, 61)` looks like.

```
.text, #text, p{  
    color:rgb(32, 30, 61)  
}
```

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(32, 30, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 30, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5401, 5.1319, -13.0567 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(32, 30, 61) }
```


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

```
.border{ border-color:rgb(32, 30, 61) }
```

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

Here you see how a box with a 4 pixel rgb(32, 30, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 30, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 30, 61);  
box-shadow:4px 4px 4px 4px rgb(32, 30, 61)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.5401, 5.1319, -13.0567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 30, 61) }
```

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

```
.background{ background-color: rgb(32, 30,  
61) }
```

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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