

Converting Colors

HunterLab(17.3056, 13.0599,
-49.8231)

Have a look what the booklet for
HunterLab(17.3056, 13.0599,
-49.8231) contains.

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Color

**HunterLab(17.3551, 13.0127,
-49.7831)**

Conversions

Conversions Part 1

Format	Color
Hex	002A78
RGB	0, 42, 120
RGB Percent	0%, 16%, 47%
CMY	0.9999, 0.8353, 0.5294
CMYK	1.00, 0.65, 0.00, 0.53
HSL	219°, 100%, 24%
HSV	219°, 100%, 47%
XYZ	4.2181, 3.0120, 18.1284
YIQ	38.3340, -50.0700, 15.3540

Conversions

Conversions Part 2

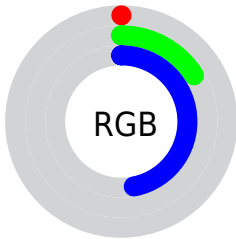
Format	Color
R _Y B	0, 31, 120
Decimal	10872
CIE Lab	20.09, 21.46, -47.80
CIE LCh	20, 52.394, 294.175
Yxy	3.0121, 0.1663, 0.1188
Android (android.graphics.Color)	4278200952 (0xFF002A78)
YUV	38.3340, 40.2613, -33.6189
Hunter-Lab	17.3551, 13.0127, -49.7831

Details

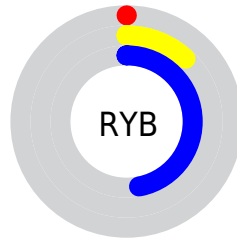
The HunterLab color **17.3551, 13.0127, -49.7831** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **30.7311, 7.0425, 19.0589**, and the grayscale version is **13.9169, -0.7426, 0.7561**.

A 20% lighter version of the original color is **33.6591, 14.5595, -48.6450**, and **6.7449, 18.2955, -47.9251** is the 20% darker color. If you saturate the color by 10%, you get **17.3531, 13.0177, -49.7914**, and if you desaturate by 10%, it is **19.2315, 9.7280, -42.7616**.

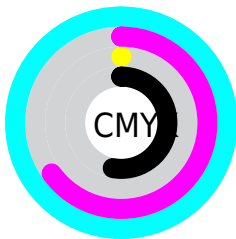
Distribution



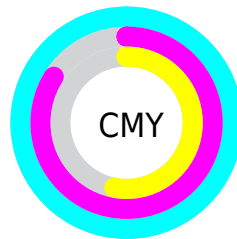
- Red (0%)
- Green (16%)
- Blue (47%)



- Red (0%)
- Yellow (12%)
- Blue (47%)



- Cyan (100%)
- Magenta (65%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (84%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.3551, 13.0127, -49.7831 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 17.3551, 13.0127, -49.7831 by changing the saturation by 10% instead.

■ 17.3551, 13.0127,
-49.7831

■ 17.3551, 13.0127,
-49.7831

■ 113.3300, 17.6296,
-53.4761

■ 10.6678, 11.8909,
-52.9563

■ 33.6253, 14.7799,
-48.8845

■ 1.0098, 92.5343,
-343.8086

■ 43.0068, 15.4624,
-49.3008

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 53.1279, 16.0347,
-49.9127

0.0000, NaN, NaN

■ 63.9379, 16.5103,
-50.6134

0.0000, NaN, NaN

■ 75.3954, 16.8998,
-51.3461

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.4657, 17.2117,

-52.0786

0.0000, NaN, NaN

100.1191, 17.4531,
-52.7923

17.3551, 13.0127,
-49.7831

17.3551, 13.0127,
-49.7831

17.3531, 13.0177,
-49.7914

19.2315, 9.7280,
-42.7616

21.2991, 6.8108,
-36.2208

23.5762, 4.4090,
-30.0822

26.0320, 2.4817,
-24.3869

28.6403, 0.9687,
-19.1204

■ 31.3795, -0.1919,
-14.2418

■ 34.2321, -1.0563,
-9.7014

■ 37.1840, -1.6725,
-5.4500

■ 40.2238, -2.0804,
-1.4429

Harmonies

Analogous

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



17.3553, -3.8443, -57.3757



17.3551, 13.0127, -49.7831



17.3553, 30.3806, -25.1238

Triad

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



17.3553, 13.0138, -49.7827



17.3553, 20.1440, 12.1487



17.3553, -21.7144, 3.5785

Complementary

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



17.3551, 13.0127, -49.7831



30.7311, 7.0425, 19.0589

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.



17.3553, -19.0610, 11.1993



17.3551, 13.0127, -49.7831



17.3553, 2.1968, 12.1487

Square

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



17.3553, 13.0138, -49.7827



17.3553, 35.4067, 8.9995



17.3553, -11.5071, 12.1487



17.3553, -20.5827, -15.1002

Rectangle

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



17.3551, 13.0127, -49.7831



17.3553, 37.9710, -8.6804



17.3553, -11.5071, 12.1487



17.3553, -21.2766, 7.0258

Sweetspot

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



17.3553, 13.0138, -49.7827



45.1115, -1.3274, -13.3016



37.3942, -26.8128, 11.1430



21.3264, -0.4709, -7.4585



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



17.3553, 13.0138, -49.7827



22.5024, 18.5433, -68.1558



12.1864, 31.9906, -78.3832



20.2528, -1.0541, -0.5461



18.0558, 13.7676, -52.2886



37.5389, 34.9218, -122.3065

Inverse Universe

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



20.3975, 35.7469, 6.8276



27.0065, 47.2506, 9.6898



40.3212, -16.5694, 24.5550



20.0900, 0.8345, 0.8844



21.2978, 37.3172, 7.2193



46.3570, 80.9198, 18.0796

Previews

White Background



This preview shows how the HunterLab color 17.3551, 13.0127, -49.7831 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



This preview shows how the HunterLab color 17.3551, 13.0127, -49.7831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

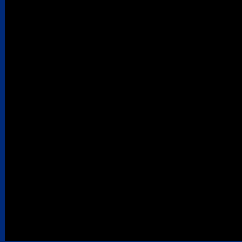
Any Text WCAG AA × Fail

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 17.3551, 13.0127, -49.7831 Background



This preview shows how black text looks on a background with the HunterLab color 17.3551, 13.0127, -49.7831.



This preview shows how white text looks on a background with the HunterLab color 17.3551, 13.0127, -49.7831.

-49.7831.

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

17.3551, 13.0127, -49.7831

Protanopia

17.4742, 4.2116, -30.9330

Deuteranopia

17.4343, -1.1917, -19.2187



Tritanopia

17.4295, -8.6886, -3.0291

Trichromacy



Original Color

17.3551, 13.0127, -49.7831

Protanomaly

17.4261, 7.2380, -37.4059

Deuteranomaly

17.3082, 3.3471, -28.8592

Tritanomaly

16.9567, -2.0328, -16.8062

Monochromacy



Original Color

17.3551, 13.0127, -49.7831

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

14.3617, 1.5344, -13.7008

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.3551, 13.0127, -49.7831 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(0, 42, 120)` looks like.

```
.text, #text, p{  
    color:rgb(0, 42, 120)  
}
```

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(0, 42, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 42, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 17.3551, 13.0127, -49.7831 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(0, 42, 120) }
```


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

```
.border{ border-color:rgb(0, 42, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 42, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 42, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 42, 120);  
box-shadow:4px 4px 4px 4px rgb(0, 42, 120)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.3551, 13.0127, -49.7831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 42, 120) }
```

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

```
.background{ background-color: rgb(0, 42,  
120) }
```

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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