

Converting Colors

HunterLab(13.0869, 29.7623,
-48.5245)

Have a look what the booklet for
HunterLab(13.0869, 29.7623,
-48.5245) contains.

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Color

**HunterLab(13.1004, 29.7573,
-48.2981)**

Conversions

Conversions Part 1

Format	Color
Hex	350066
RGB	53, 0, 102
RGB Percent	21%, 0%, 40%
CMY	0.7921, 1.0000, 0.6000
CMYK	0.48, 1.00, 0.00, 0.60
HSL	271°, 100%, 20%
HSV	271°, 100%, 40%
XYZ	3.8665, 1.7162, 12.6979
YIQ	27.4750, -1.1540, 42.9580

Conversions

Conversions Part 2

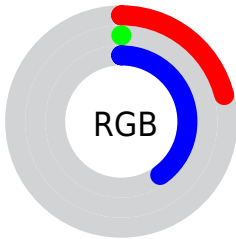
Format	Color
R_{YB}	53, 0, 102
Decimal	3473510
CIE _{Lab}	13.92, 42.99, -46.12
CIE _{LCh}	14, 63.052, 312.985
Yxy	1.7163, 0.2115, 0.0939
Android (android.graphics.Color)	4281663590 (0xFF350066)
YUV	27.4750, 36.7408, 22.3854
Hunter-Lab	13.1004, 29.7573, -48.2981

Details

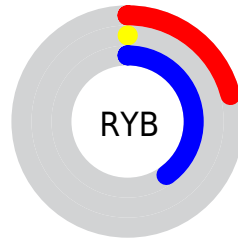
The HunterLab color **13.1004, 29.7573, -48.2981** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **31.8681, -22.0613, 19.2507**, and the grayscale version is **10.5060, -0.5606, 0.5708**.

A 20% lighter version of the original color is **28.1842, 33.3259, -46.3625**, and **5.1608, 13.9988, -36.6699** is the 20% darker color. If you saturate the color by 10%, you get **13.1006, 29.7577, -48.2972**, and if you desaturate by 10%, it is **14.4130, 27.3901, -42.3497**.

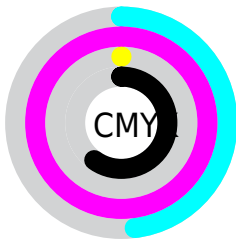
Distribution



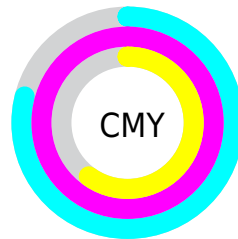
- Red (21%)
- Green (0%)
- Blue (40%)



- Red (21%)
- Yellow (0%)
- Blue (40%)



- Cyan (48%)
- Magenta (100%)
- Yellow (0%)
- Black (60%)



- Cyan (79%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.1004, 29.7573, -48.2981 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 13.1004, 29.7573, -48.2981 by changing the saturation by 10% instead.

■ 13.1004, 29.7573,
-48.2981

■ 13.1004, 29.7573,
-48.2981

■ 105.1138, 42.6842,
-50.5759

■ 6.5890, 32.5440,
-59.2090

■ 28.2323, 33.3180,
-46.2706

0.0000, INF, -NF

0.0000, NaN, -NF

■ 37.1269, 34.9952,
-46.5453

0.0000, NaN, -NF

■ 46.7984, 36.5531,
-47.0891

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.1887, 37.9914,
-47.7552

0.0000, NaN, NaN

■ 68.2511, 39.3160,
-48.4693

0.0000, NaN, NaN

■ 79.9471, 40.5347,

0.0000, NaN, NaN

-49.1910

■ 92.2440, 41.6550,
-49.8976

■ 13.1004, 29.7573,
-48.2981

■ 13.1004, 29.7573,
-48.2981

■ 13.1006, 29.7577,
-48.2972

■ 14.4130, 27.3901,
-42.3497

■ 15.8875, 24.9222,
-36.6853

■ 17.7109, 21.8278,
-30.7860

■ 19.8302, 18.4227,
-25.0425

■ 22.1939, 14.9127,
-19.6446

■ 24.7590, 11.4091,
-14.6461

■ 27.4912, 7.9622,
-10.0314

■ 30.3636, 4.5887,
-5.7558

■ 33.3556, 1.2888,
-1.7680

Harmonies

Analogous

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



13.1006, 7.4594, -79.7760



13.1004, 29.7573, -48.2981



13.1006, 47.3144, -11.9927

Triad

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



13.1006, 29.7577, -48.2972



13.1006, 10.2686, 9.1704



13.1006, -22.9261, -8.3437

Complementary

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



13.1004, 29.7573, -48.2981



31.8681, -22.0613, 19.2507

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.



13.1006, -22.9261, 7.4134



13.1004, 29.7573, -48.2981



13.1006, -7.2494, 9.1704

Square

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



13.1006, 29.7577, -48.2972



13.1006, 32.6915, 9.1704



13.1006, -17.2658, 9.1704



13.1006, -18.3084, -42.9422

Rectangle

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



13.1004, 29.7573, -48.2981



13.1006, 50.3340, 2.2276



13.1006, -17.2658, 9.1704



13.1006, -22.9261, -1.0070

Sweetspot

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



13.1006, 29.7577, -48.2972



36.0873, 10.9335, -13.7920



17.8357, 3.9075, -30.7284



17.0035, 5.9586, -7.5528



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



13.1006, 29.7577, -48.2972



17.1583, 39.1891, -64.9193



19.3668, 37.9471, -24.5461



16.8138, 0.4677, -0.6754



14.7687, 33.6340, -55.1233



32.9429, 75.9211, -129.9158

Inverse Universe

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



17.4543, 31.1614, 1.4312



23.0668, 41.0924, 2.5813



30.8327, -26.3959, 18.4430



16.9301, 0.7274, 0.5191



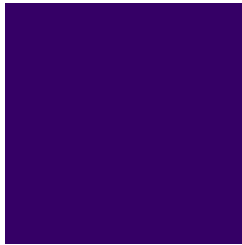
19.7609, 35.2429, 1.9026



44.9345, 79.7770, 7.1341

Previews

White Background



This preview shows how the HunterLab color 13.1004, 29.7573, -48.2981 looks on a white background.

Color Contrast Check

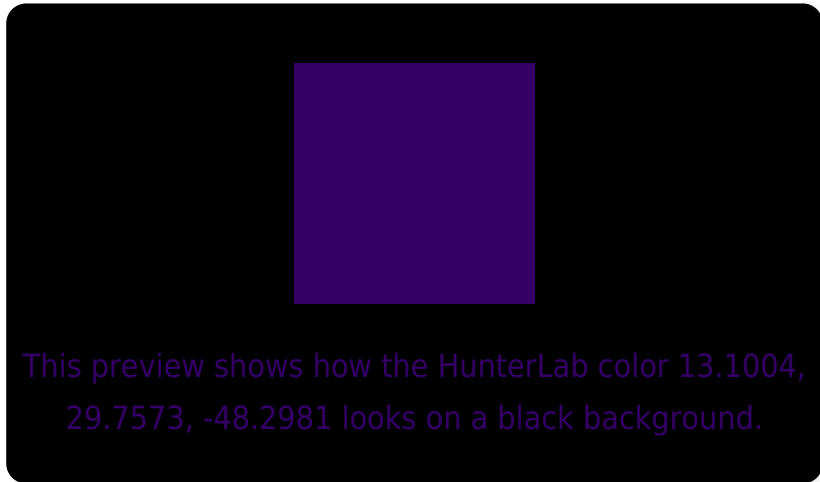
Large Text (above 18pt) WCAG AA ✓ Pass

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

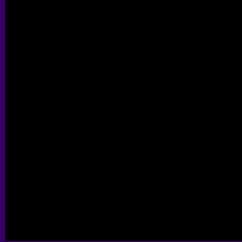
Any Text WCAG AA × Fail

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 13.1004, 29.7573, -48.2981 Background



This preview shows how black text looks on a background with the HunterLab color 13.1004, 29.7573, -48.2981.



This preview shows how white text looks on a background with the HunterLab color 13.1004, 29.7573, -48.2981.

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

13.1004, 29.7573, -48.2981

Protanopia

14.0193, 2.7273, -23.4105

Deuteranopia

14.1970, -1.3693, -14.7890



Tritanopia

14.4406, -1.0710, -0.5043

Trichromacy



Original Color

13.1004, 29.7573, -48.2981

Protanomaly

12.2323, 12.9828, -36.9852

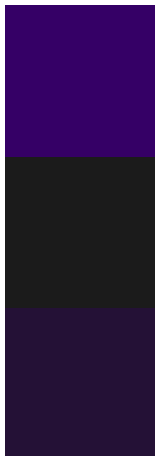
Deuteranomaly

12.1298, 10.0169, -30.4011

Tritanomaly

12.5659, 10.2454, -14.9638

Monochromacy



Original Color

13.1004, 29.7573, -48.2981

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.2093, 10.0006, -13.8020

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.1004, 29.7573, -48.2981 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(53, 0, 102)` looks like.

```
.text, #text, p{  
    color:rgb(53, 0, 102)  
}
```

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(53, 0, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 0, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 13.1004, 29.7573, -48.2981 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(53, 0, 102) }
```


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

```
.border{ border-color:rgb(53, 0, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 0, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 0, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 0, 102);  
box-shadow:4px 4px 4px 4px rgb(53, 0, 102)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.1004, 29.7573, -48.2981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 0, 102) }
```

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

```
.background{ background-color: rgb(53, 0,  
102) }
```

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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