

Converting Colors

HunterLab(13.1294, 6.5243,
-4.4582)

Have a look what the booklet for
HunterLab(13.1294, 6.5243, -4.4582)
contains.

HunterLab(13.0249, 6.6049, -4.5875)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(13.0249, 6.6049,
-4.5875)**

Conversions

Conversions Part 1

Format	Color
Hex	2F1D30
RGB	47, 29, 48
RGB Percent	18%, 11%, 19%
CMY	0.8157, 0.8863, 0.8118
CMYK	0.02, 0.40, 0.00, 0.81
HSL	297°, 25%, 15%
HSV	297°, 40%, 19%
XYZ	2.1452, 1.6965, 3.0107
YIQ	36.5480, 4.6290, 9.7250

Conversions

Conversions Part 2

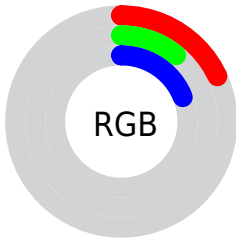
Format	Color
R_{YB}	47, 29, 48
Decimal	3087664
CIE Lab	13.81, 12.82, -9.09
CIE LCh	14, 15.718, 324.678
Yxy	1.6966, 0.3131, 0.2476
Android (android.graphics.Color)	4281277744 (0xFF2F1D30)
YUV	36.5480, 5.6458, 9.1664
Hunter-Lab	13.0249, 6.6049, -4.5875

Details

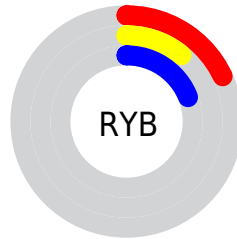
The HunterLab color **13.0249, 6.6049, -4.5875** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.7439, -6.9826, 5.2012**, and the grayscale version is **13.4389, -0.7171, 0.7302**.

A 20% lighter version of the original color is **28.1076, 7.4406, -4.8877**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.1382, 8.5370, -6.0300**, and if you desaturate by 10%, it is **13.9875, 4.6671, -3.1523**.

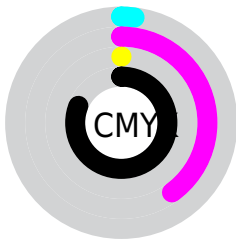
Distribution



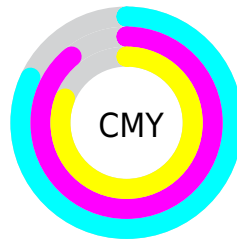
- Red (18%)
- Green (11%)
- Blue (19%)



- Red (18%)
- Yellow (11%)
- Blue (19%)



- Cyan (2%)
- Magenta (40%)
- Yellow (0%)
- Black (81%)



- Cyan (82%)
- Magenta (89%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.0249, 6.6049, -4.5875 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 13.0249, 6.6049, -4.5875 by changing the saturation by 10% instead.

■ 13.0249, 6.6049,
-4.5875

■ 13.0249, 6.6049,
-4.5875

■ 104.9626, 7.9935,
-3.6292

■ 6.4917, 8.2617,
-5.5034

■ 28.1349, 7.5729,
-4.8667

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 37.0201, 7.8707,
-4.8769

0.0000, NaN, NaN

■ 46.6830, 8.0717,
-4.8140

0.0000, NaN, NaN

■ 57.0653, 8.1892,
-4.6857

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.1202, 8.2332,
-4.4984

0.0000, NaN, NaN

■ 79.8091, 8.2114,

0.0000, NaN, NaN

-4.2572

92.0993, 8.1298,
-3.9663

13.0249, 6.6049,
-4.5875

13.0249, 6.6049,
-4.5875

12.1382, 8.5370,
-6.0300

13.9875, 4.6671,
-3.1523

11.3369, 10.4283,
-7.4561

15.0161, 2.7475,
-1.7402

10.6320, 12.2258,
-8.8287

16.1029, 0.8584,
-0.3585

10.0338, 13.8602,
-10.0982

17.2409, -0.9942,
0.9899

9.4696, 15.5239,
-11.4013

18.4244, -2.8089,
2.3051

■ 8.8697, 17.4690,
-12.9210

■ 19.6483, -4.5866,
3.5888

■ 8.8437, 17.5581,
-12.9906

■ 20.9086, -6.3298,
4.8434

■ 22.2017, -8.0416,
6.0721

■ 23.5246, -9.7256,
7.2778

Harmonies

Analogous

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



13.0252, 2.8666, -8.4307



13.0249, 6.6049, -4.5875



13.0252, 8.4037, -0.0271

Triad

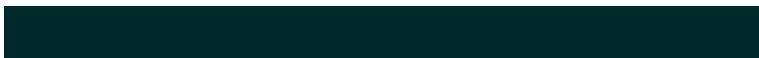
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13.0252, 6.6045, -4.5872



13.0252, 0.0651, 6.5226



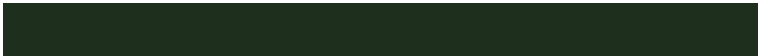
13.0252, -7.2767, -2.9413

Complementary

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



13.0249, 6.6049, -4.5875



15.7439, -6.9826, 5.2012

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.



13.0252, -7.8276, 1.4045



13.0249, 6.6049, -4.5875



13.0252, -3.9120, 6.0873

Square

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



13.0252, 6.6045, -4.5872



13.0252, 4.3332, 5.6233



13.0252, -6.6747, 4.4275



13.0252, -5.0611, -7.2878

Rectangle

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



13.0249, 6.6049, -4.5875



13.0252, 8.1155, 2.5164



13.0252, -6.6747, 4.4275



13.0252, -7.6497, -1.4015

Sweetspot

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



13.0252, 6.6045, -4.5872



19.8752, 1.8000, -0.9760



11.9030, 1.8341, -6.5622



10.6367, 0.9352, -0.5021



58.5142, -3.1222, 3.1792



11.5809, -0.6179, 0.6292

Same Dimension

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



13.0252, 6.6045, -4.5872



15.3188, 10.7197, -7.5699



12.8795, 5.6977, -1.1101



8.7496, 0.3047, -0.0784



15.7582, 31.3219, -23.4260



41.8944, 83.3582, -62.9495

Inverse Universe

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



12.6528, 4.5590, 2.1203



14.7320, 7.5773, 3.1350



15.8437, -6.3054, 3.0302



8.7099, 0.0741, 0.6127



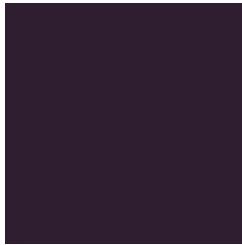
14.2191, 24.4210, 8.6429



37.8828, 64.9409, 23.9715

Previews

White Background



This preview shows how the HunterLab color 13.0249, 6.6049, -4.5875 looks on a white background.

Color Contrast Check

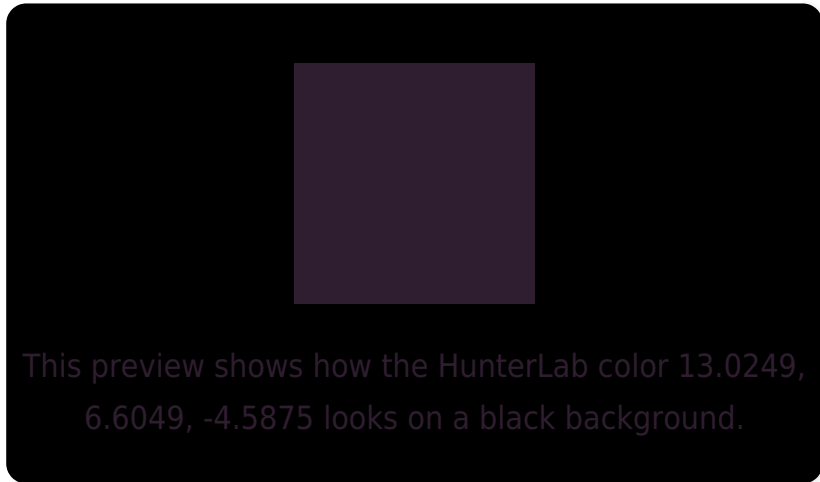
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.0249, 6.6049, -4.5875 Background



This preview shows how black text looks on a background with the HunterLab color 13.0249, 6.6049, -4.5875.



This preview shows how white text looks on a background with the HunterLab color 13.0249, 6.6049,

-4.5875.

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

13.0249, 6.6049, -4.5875

Protanopia

13.1724, 1.0564, -7.0251

Deuteranopia

13.1554, 0.6055, -4.0037



Tritanopia

13.0629, 2.9309, 1.2317

Trichromacy



Original Color

13.0249, 6.6049, -4.5875

Protanomaly

13.0453, 2.7438, -6.1481

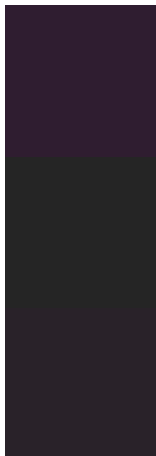
Deuteranomaly

13.0576, 2.5247, -4.1210

Tritanomaly

13.0664, 4.2224, -0.5844

Monochromacy



Original Color

13.0249, 6.6049, -4.5875

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

13.3250, 1.9553, -1.0892

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.0249, 6.6049, -4.5875 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(47, 29, 48)` looks like.

```
.text, #text, p{  
    color:rgb(47, 29, 48)  
}
```

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(47, 29, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 29, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 13.0249, 6.6049, -4.5875 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(47, 29, 48) }
```


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

```
.border{ border-color:rgb(47, 29, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 29, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 29, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 29, 48);  
box-shadow:4px 4px 4px 4px rgb(47, 29, 48)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.0249, 6.6049, -4.5875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 29, 48) }
```

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

```
.background{ background-color: rgb(47, 29,  
48) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor