

Converting Colors

HunterLab(13.0662, 17.9754,
-24.0528)

Have a look what the booklet for
HunterLab(13.0662, 17.9754,
-24.0528) contains.

HunterLab(13.0872, 18.1195, -24.2724)	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(13.0872, 18.1195,
-24.2724)**

Conversions

Conversions Part 1

Format	Color
Hex	34124E
RGB	52, 18, 78
RGB Percent	20%, 7%, 31%
CMY	0.7961, 0.9294, 0.6941
CMYK	0.33, 0.77, 0.00, 0.69
HSL	274°, 62%, 19%
HSV	274°, 77%, 31%
XYZ	3.0076, 1.7127, 7.3798
YIQ	35.0060, 1.0040, 25.8680

Conversions

Conversions Part 2

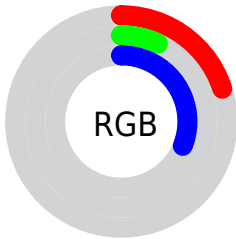
Format	Color
RYB	52, 18, 78
Decimal	3412558
CIELab	13.90, 29.26, -29.99
CIElCh	14, 41.902, 314.298
Yxy	1.7128, 0.2486, 0.1415
Android (android.graphics.Color)	4281602638 (0xFF34124E)
YUV	35.0060, 21.1960, 14.9037
Hunter-Lab	13.0872, 18.1195, -24.2724




Details

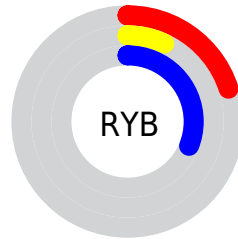
The HunterLab color **13.0872, 18.1195, -24.2724** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **24.5519, -14.8130, 13.4874**, and the grayscale version is **12.9012, -0.6884, 0.7009**.

A 20% lighter version of the original color is **28.2701, 20.5915, -25.0501**, and **3.3137, 8.9884, -23.5452** is the 20% darker color. If you saturate the color by 10%, you get **11.8958, 20.2116, -28.2404**, and if you desaturate by 10%, it is **14.5021, 15.6911, -20.2574**.

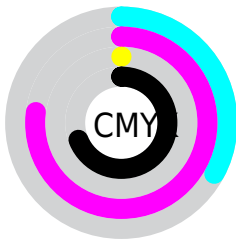
Distribution







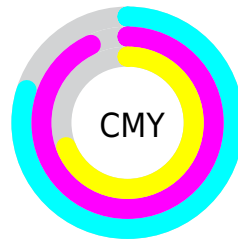
-  Red (20%)
-  Green (7%)
-  Blue (31%)






-  Red (20%)
-  Yellow (7%)
-  Blue (31%)



-  Cyan (33%)
-  Magenta (77%)
-  Yellow (0%)
-  Black (69%)



-  Cyan (80%)
-  Magenta (93%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.0872, 18.1195, -24.2724 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 13.0872, 18.1195, -24.2724 by changing the saturation by 10% instead.

13.0872, 18.1195,
-24.2724

13.0872, 18.1195,
-24.2724

105.0874, 26.4208,
-28.2950

6.5721, 19.9461,
-28.0458

28.2153, 20.8103,
-24.9221

0.0000, INF, -NF

0.0000, NaN, -NF

37.1083, 21.9428,
-25.4951

0.0000, NaN, NaN

46.7782, 22.9450,
-26.0720

0.0000, NaN, NaN

57.1671, 23.8305,
-26.6178

0.0000, NaN, NaN

0.0000, NaN, NaN

68.2282, 24.6113,
-27.1174

0.0000, NaN, NaN

79.9230, 25.2978,

0.0000, NaN, NaN

-27.5645

92.2187, 25.8985,
-27.9570

13.0872, 18.1195,
-24.2724

13.0872, 18.1195,
-24.2724

11.8958, 20.2116,
-28.2404

14.5021, 15.6911,
-20.2574

10.7961, 22.3428,
-32.5399

16.1058, 13.1028,
-16.3802

10.4403, 23.1478,
-34.0942

17.8676, 10.4654,
-12.7243

19.7617, 7.8391,
-9.3109

21.7670, 5.2520,
-6.1282

■ 23.8672, 2.7135,
-3.1510

■ 26.0491, 0.2240,
-0.3503

■ 28.3025, -2.2209,
2.3017

■ 30.6192, -4.6272,
4.8295

Harmonies

Analogous

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



13.0874, 5.0904, -39.1003



13.0872, 18.1195, -24.2724



13.0874, 27.3546, -6.1790

Triad

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



13.0874, 18.1195, -24.2718



13.0874, 5.6925, 9.1612



13.0874, -16.4714, -5.4651

Complementary

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



13.0872, 18.1195, -24.2724



24.5519, -14.8130, 13.4874

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.



13.0874, -16.3830, 5.1614



13.0872, 18.1195, -24.2724



13.0874, -5.6295, 9.1612

Square

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



13.0874, 18.1195, -24.2718



13.0874, 18.6867, 9.1612



13.0874, -12.6958, 9.1612



13.0874, -12.9374, -23.3872

Rectangle

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



13.0872, 18.1195, -24.2724



13.0874, 28.6537, 2.1643



13.0874, -12.6958, 9.1612



13.0874, -16.8644, -0.9276

Sweetspot

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



13.0874, 18.1195, -24.2718



29.5837, 5.9008, -6.8603



15.7483, 1.0641, -17.4136



14.4860, 3.2911, -3.8351



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



13.0874, 18.1195, -24.2718



14.6263, 28.4940, -41.4445



15.9586, 23.4602, -13.8253



13.0226, 0.3280, -0.4151



13.6121, 30.3584, -45.8332



32.3034, 72.9192, -115.5475

Inverse Universe

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



14.9473, 19.3753, 0.0977



17.9504, 29.4315, 2.0432



23.7389, -18.0926, 12.4151



13.0890, 0.4487, 0.4828



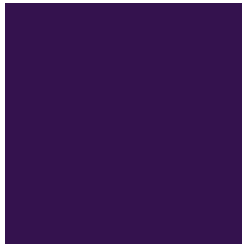
17.3440, 30.7592, 3.0128



42.0117, 74.1109, 10.3670

Previews

White Background



This preview shows how the HunterLab color 13.0872, 18.1195, -24.2724 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

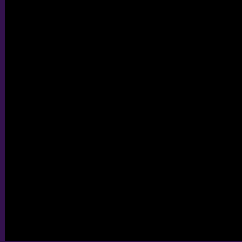
Any Text WCAG AA × Fail

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 13.0872, 18.1195, -24.2724 Background



This preview shows how black text looks on a background with the HunterLab color 13.0872, 18.1195, -24.2724.



This preview shows how white text looks on a background with the HunterLab color 13.0872, 18.1195, -24.2724.

-24.2724.

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

13.0872, 18.1195, -24.2724

Protanopia

13.3032, 2.2250, -21.4310

Deuteranopia

13.2962, -1.1541, -14.1276



Tritanopia

13.4651, 2.2153, 0.6291

Trichromacy



Original Color

13.0872, 18.1195, -24.2724

Protanomaly

12.4056, 7.2465, -24.9073

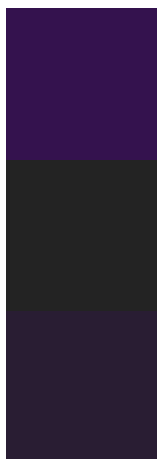
Deuteranomaly

12.4925, 4.7727, -19.7190

Tritanomaly

12.9722, 7.6726, -6.7211

Monochromacy



Original Color

13.0872, 18.1195, -24.2724

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.6062, 5.5698, -6.8650

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.0872, 18.1195, -24.2724 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(52, 18, 78)` looks like.

```
.text, #text, p{  
    color:rgb(52, 18, 78)  
}
```

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(52, 18, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 18, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 13.0872, 18.1195, -24.2724 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(52, 18, 78) }
```


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

```
.border{ border-color:rgb(52, 18, 78) }
```

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

Here you see how a box with a 4 pixel rgb(52, 18, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 18, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 18, 78);  
box-shadow:4px 4px 4px 4px rgb(52, 18, 78)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.0872, 18.1195, -24.2724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 18, 78) }
```

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

```
.background{ background-color: rgb(52, 18,  
78) }
```

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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