

Converting Colors

HunterLab(12.9417, 7.2617,
-5.5815)

Have a look what the booklet for
HunterLab(12.9417, 7.2617, -5.5815)
contains.

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Color

**HunterLab(12.9040, 7.3423,
-5.7851)**

Conversions

Conversions Part 1

Format	Color
Hex	2F1C32
RGB	47, 28, 50
RGB Percent	18%, 11%, 20%
CMY	0.8157, 0.8902, 0.8039
CMYK	0.06, 0.44, 0.00, 0.80
HSL	292°, 28%, 15%
HSV	292°, 44%, 20%
XYZ	2.1633, 1.6651, 3.2250
YIQ	36.1890, 4.2620, 10.8700

Conversions

Conversions Part 2

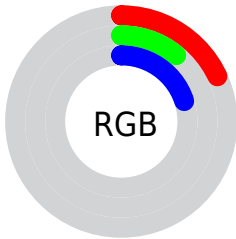
Format	Color
R_{YB}	47, 28, 50
Decimal	3087410
CIE _{Lab}	13.62, 14.02, -10.81
CIE _{LCh}	14, 17.700, 322.365
Yxy	1.6652, 0.3067, 0.2361
Android (android.graphics.Color)	4281277490 (0xFF2F1C32)
YUV	36.1890, 6.8088, 9.4812
Hunter-Lab	12.9040, 7.3423, -5.7851

Details

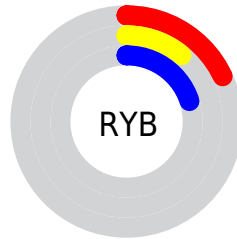
The HunterLab color **12.9040, 7.3423, -5.7851** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.2984, -7.5456, 5.9142**, and the grayscale version is **13.3208, -0.7108, 0.7237**.

A 20% lighter version of the original color is **27.9400, 8.2385, -6.1226**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.9641, 9.2492, -7.4202**, and if you desaturate by 10%, it is **13.9239, 5.4211, -4.1748**.

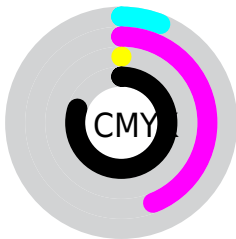
Distribution



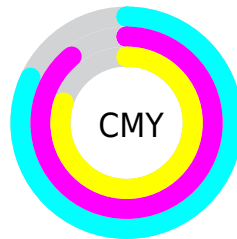
- Red (18%)
- Green (11%)
- Blue (20%)



- Red (18%)
- Yellow (11%)
- Blue (20%)



- Cyan (6%)
- Magenta (44%)
- Yellow (0%)
- Black (80%)



- Cyan (82%)
- Magenta (89%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.9040, 7.3423, -5.7851 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 12.9040, 7.3423, -5.7851 by changing the saturation by 10% instead.

■ 12.9040, 7.3423,
-5.7851

■ 12.9040, 7.3423,
-5.7851

■ 104.7199, 9.2943,
-5.4949

■ 6.3322, 9.3077,
-6.9030

■ 27.9785, 8.4632,
-6.2236

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.8487, 8.8298,
-6.3143

0.0000, NaN, NaN

■ 46.4978, 9.0953,
-6.3294

0.0000, NaN, NaN

■ 56.8673, 9.2738,
-6.2763

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.9101, 9.3756,
-6.1615

0.0000, NaN, NaN

■ 79.5876, 9.4088,

0.0000, NaN, NaN

-5.9902

91.8670, 9.3800,
-5.7668

12.9040, 7.3423,
-5.7851

12.9040, 7.3423,
-5.7851

11.9641, 9.2492,
-7.4202

13.9239, 5.4211,
-4.1748

11.1148, 11.1023,
-9.0538

15.0129, 3.5120,
-2.6051

10.3684, 12.8416,
-10.6421

16.1624, 1.6286,
-1.0821

9.7238, 14.4299,
-12.1553

17.3652, -0.2225,
0.3934

9.0659, 16.2189,
-13.8647

18.6150, -2.0393,
1.8234

■ 8.6477, 17.4724,
-15.0548

■ 19.9066, -3.8228,
3.2116

■ 21.2356, -5.5752,
4.5624

■ 22.5984, -7.2995,
5.8801

■ 23.9920, -8.9989,
7.1689

Harmonies

Analogous

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



12.9043, 2.9614, -10.1490



12.9040, 7.3423, -5.7851



12.9043, 9.6320, -0.5021

Triad

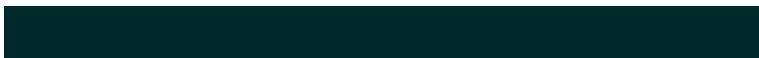
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.9043, 7.3419, -5.7847



12.9043, 0.5429, 7.1241



12.9043, -8.0761, -3.0471

Complementary

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



12.9040, 7.3423, -5.7851



16.2984, -7.5456, 5.9142

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.



12.9043, -8.5305, 1.8010



12.9040, 7.3423, -5.7851



12.9043, -3.9743, 6.7468

Square

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



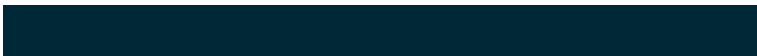
12.9043, 7.3419, -5.7847



12.9043, 5.3545, 5.9914



12.9043, -7.1372, 4.9606



12.9043, -5.7917, -8.2116

Rectangle

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



12.9040, 7.3423, -5.7851



12.9043, 9.4635, 2.4230



12.9043, -7.1372, 4.9606



12.9043, -8.4332, -1.2935

Sweetspot

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



12.9043, 7.3419, -5.7847



20.4649, 1.9735, -1.2998



12.1365, 1.5952, -7.2355



11.1706, 1.1806, -0.7916



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



12.9043, 7.3419, -5.7847



14.9270, 12.0692, -9.7091



12.9538, 7.0125, -2.0507



9.4434, 0.3153, -0.1289



15.1875, 30.7857, -27.2142



39.4792, 80.2656, -72.5989

Inverse Universe

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



12.6792, 5.6584, 1.8498



14.5845, 9.4620, 2.8237



16.2901, -7.3221, 3.9217



9.4178, 0.1296, 0.6033



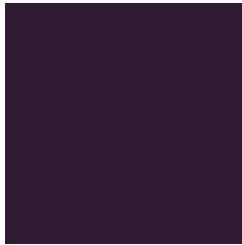
14.7078, 25.3709, 8.0828



38.4772, 66.1311, 23.0200

Previews

White Background



This preview shows how the HunterLab color 12.9040, 7.3423, -5.7851 looks on a white background.

Color Contrast Check

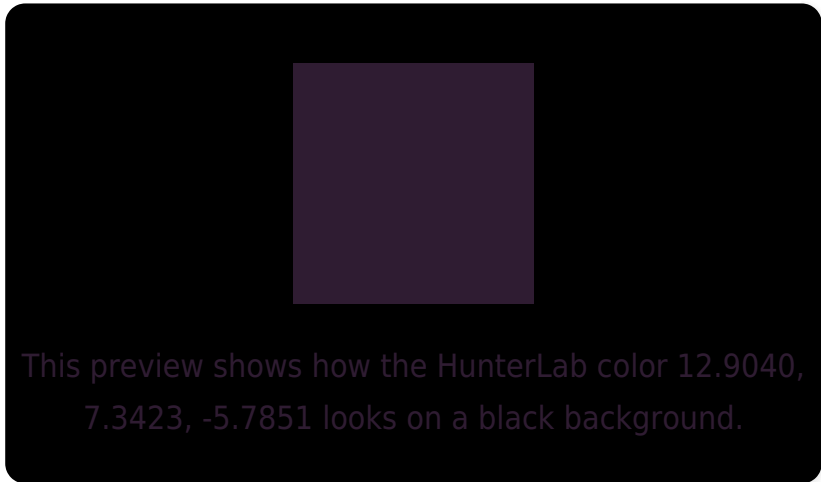
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.9040, 7.3423, -5.7851 Background



This preview shows how black text looks on a background with the HunterLab color 12.9040, 7.3423, -5.7851.



This preview shows how white text looks on a background with the HunterLab color 12.9040, 7.3423, -5.7851.

-5.7851.

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

12.9040, 7.3423, -5.7851

Protanopia

13.0802, 0.8905, -8.3080

Deuteranopia

13.0963, 0.5315, -5.0758



Tritanopia

13.0629, 2.9309, 1.2317

Trichromacy



Original Color

12.9040, 7.3423, -5.7851

Protanomaly

12.7677, 3.0844, -7.7195

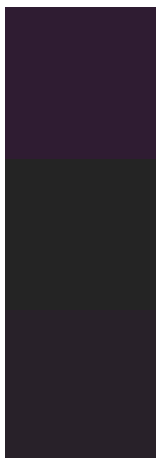
Deuteranomaly

12.8378, 3.0320, -5.4561

Tritanomaly

13.0920, 4.3533, -0.9478

Monochromacy



Original Color

12.9040, 7.3423, -5.7851

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.0343, 2.1029, -1.4740

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.9040, 7.3423, -5.7851 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, 28, 50)` looks like.

```
.text, #text, p{  
    color:rgb(47, 28, 50)  
}
```

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, 28, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 28, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 12.9040, 7.3423, -5.7851 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, 28, 50) }
```


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

```
.border{ border-color:rgb(47, 28, 50) }
```

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

Here you see how a box with a 4 pixel rgb(47, 28, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 28, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 28, 50);  
box-shadow:4px 4px 4px 4px rgb(47, 28, 50)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.9040, 7.3423, -5.7851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 28, 50) }
```

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

```
.background{ background-color: rgb(47, 28,  
50) }
```

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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