

Converting Colors

HunterLab(13.0542, 4.7803,
-1.2460)

Have a look what the booklet for
HunterLab(13.0542, 4.7803, -1.2460)
contains.

HunterLab(13.2076, 4.7615, -1.1955)	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(13.2076, 4.7615,
-1.1955)**

Conversions

Conversions Part 1

Format	Color
Hex	2F1F29
RGB	47, 31, 41
RGB Percent	18%, 12%, 16%
CMY	0.8157, 0.8784, 0.8392
CMYK	0.00, 0.34, 0.13, 0.82
HSL	323°, 21%, 15%
HSV	323°, 34%, 18%
XYZ	2.0625, 1.7444, 2.3258
YIQ	36.9240, 6.3260, 6.5020

Conversions

Conversions Part 2

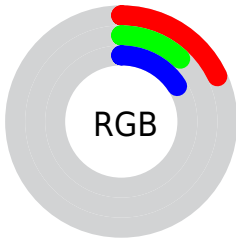
Format	Color
RYB	47, 31, 41
Decimal	3088169
CIELab	14.08, 9.79, -3.62
CIElCh	14, 10.436, 339.689
Yxy	1.7445, 0.3363, 0.2844
Android (android.graphics.Color)	4281278249 (0xFF2F1F29)
YUV	36.9240, 2.0095, 8.8367
Hunter-Lab	13.2076, 4.7615, -1.1955

Details

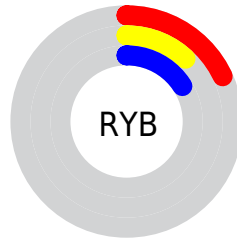
The HunterLab color **13.2076, 4.7615, -1.1955** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.6779, -5.6264, 2.9426**, and the grayscale version is **13.5699, -0.7241, 0.7373**.

A 20% lighter version of the original color is **28.3394, 5.2674, -0.8646**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.2663, 6.4532, -1.7066**, and if you desaturate by 10%, it is **14.2154, 3.0730, -0.6243**.

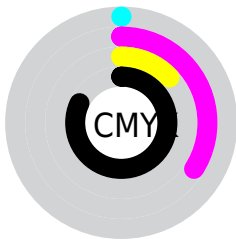
Distribution



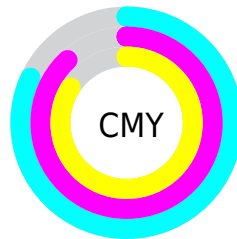
- Red (18%)
- Green (12%)
- Blue (16%)



- Red (18%)
- Yellow (12%)
- Blue (16%)



- Cyan (0%)
- Magenta (34%)
- Yellow (13%)
- Black (82%)



- Cyan (82%)
- Magenta (88%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.2076, 4.7615, -1.1955 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 13.2076, 4.7615, -1.1955 by changing the saturation by 10% instead.

■ 13.2076, 4.7615,
-1.1955

■ 13.2076, 4.7615,
-1.1955

105.3283, 4.7043,
2.1013

■ 6.7247, 5.9830,
-1.8670

■ 28.3708, 5.3327,
-0.8588

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 37.2786, 5.4538,
-0.5848

0.0000, NaN, NaN

■ 46.9622, 5.4896,
-0.2530

0.0000, NaN, NaN

■ 57.3638, 5.4514,
0.1306

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.4369, 5.3479,
0.5612

0.0000, NaN, NaN

■ 80.1429, 5.1855,

0.0000, NaN, NaN

1.0351

92.4494, 4.9696,
1.5493

13.2076, 4.7615,
-1.1955

13.2076, 4.7615,
-1.1955

12.2663, 6.4532,
-1.7066

14.2154, 3.0730,
-0.6243

11.4001, 8.1257,
-2.1407

15.2806, 1.4028,
-0.0076

10.6198, 9.7418,
-2.4758

16.3964, -0.2426,
0.6444

9.9368, 11.2488,
-2.6873

17.5568, -1.8606,
1.3241

9.3407, 12.6432,
-2.7817

18.7571, -3.4512,
2.0257

■ 8.7240, 14.2481,
-2.9172

■ 19.9929, -5.0160,
2.7450

■ 8.3362, 15.3624,
-3.0354

■ 21.2608, -6.5571,
3.4789

■ 22.5578, -8.0772,
4.2251

■ 23.8814, -9.5788,
4.9819

Harmonies

Analogous

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



13.2079, 2.9303, -3.8864



13.2076, 4.7615, -1.1955



13.2079, 5.0620, 1.5561

Triad

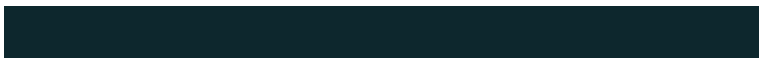
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13.2079, 4.7610, -1.1952



13.2079, -1.6037, 4.8525



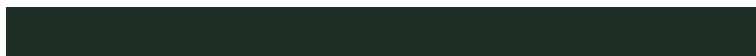
13.2079, -4.6163, -3.0082

Complementary

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



13.2076, 4.7615, -1.1955



15.6779, -5.6264, 2.9426

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.



13.2079, -5.6267, -0.1769



13.2076, 4.7615, -1.1955



13.2079, -3.9860, 4.0979

Square

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



13.2079, 4.7610, -1.1952



13.2079, 1.2255, 4.6921



13.2079, -5.4060, 2.3836



13.2079, -2.5315, -5.0757

Rectangle

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



13.2076, 4.7615, -1.1955



13.2079, 4.3309, 3.0225



13.2079, -5.4060, 2.3836



13.2079, -5.0846, -2.0926

Sweetspot

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



13.2079, 4.7610, -1.1952



20.1326, 1.0639, 0.2770



12.5545, 3.0722, -4.9110



10.7495, 0.5822, 0.1426



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.



13.2079, 4.7610, -1.1952



15.8518, 8.1361, -2.1486



13.0190, 3.7980, 1.4910



8.7383, 0.2277, 0.2075



15.0994, 27.6336, -4.0061



40.0548, 72.8831, -7.3577

Inverse Universe

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



13.2079, 4.7610, -1.1952



15.8518, 8.1361, -2.1486



15.8519, -4.6259, 0.4513



8.7383, 0.2277, 0.2075



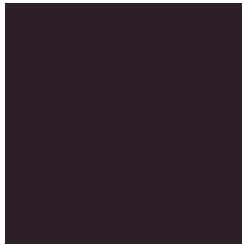
15.0994, 27.6336, -4.0061



40.0548, 72.8831, -7.3577

Previews

White Background



This preview shows how the HunterLab color 13.2076, 4.7615, -1.1955 looks on a white background.

Color Contrast Check

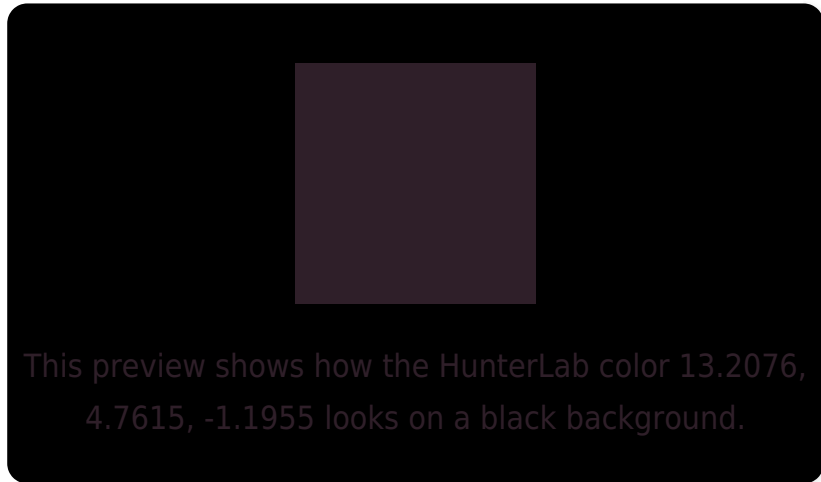
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.2076, 4.7615, -1.1955 Background



This preview shows how black text looks on a background with the HunterLab color 13.2076, 4.7615, -1.1955.



This preview shows how white text looks on a background with the HunterLab color 13.2076, 4.7615,

-1.1955.

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

13.2076, 4.7615, -1.1955

Protanopia

13.3555, -0.0471, -2.3497

Deuteranopia

13.2941, 0.6805, -0.7494



Tritanopia

13.1728, 3.3254, 1.0182

Trichromacy



Original Color

13.2076, 4.7615, -1.1955

Protanomaly

13.2280, 1.7444, -2.0624

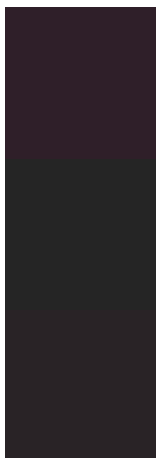
Deuteranomaly

13.2991, 1.8185, -0.7230

Tritanomaly

13.2191, 3.5646, 0.3577

Monochromacy



Original Color

13.2076, 4.7615, -1.1955

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

13.4663, 1.1594, 0.2446

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.2076, 4.7615, -1.1955 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, 31, 41)` looks like.

```
.text, #text, p{  
    color:rgb(47, 31, 41)  
}
```

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, 31, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 31, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 13.2076, 4.7615, -1.1955 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, 31, 41) }
```


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

```
.border{ border-color:rgb(47, 31, 41) }
```

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

Here you see how a box with a 4 pixel rgb(47, 31, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 31, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 31, 41);  
box-shadow:4px 4px 4px 4px rgb(47, 31, 41)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.2076, 4.7615, -1.1955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 31, 41) }
```

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

```
.background{ background-color: rgb(47, 31,  
41) }
```

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