

Converting Colors

HunterLab(12.4821, 17.5279,
1.8487)

Have a look what the booklet for
HunterLab(12.4821, 17.5279,
1.8487) contains.

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Color

**HunterLab(12.4296, 17.5935,
1.7835)**

Conversions

Conversions Part 1

Format	Color
Hex	440A1F
RGB	68, 10, 31
RGB Percent	27%, 4%, 12%
CMY	0.7333, 0.9608, 0.8784
CMYK	0.00, 0.85, 0.54, 0.73
HSL	338°, 74%, 15%
HSV	338°, 85%, 27%
XYZ	2.7398, 1.5449, 1.4501
YIQ	29.7360, 27.8270, 18.8270

Conversions

Conversions Part 2

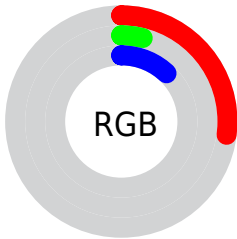
Format	Color
RYB	68, 10, 31
Decimal	4459039
CIELab	12.89, 28.77, 2.41
CIElCh	13, 28.875, 4.778
Yxy	1.5450, 0.4777, 0.2694
Android (android.graphics.Color)	4282649119 (0xFF440A1F)
YUV	29.7360, 0.6232, 33.5575
Hunter-Lab	12.4296, 17.5935, 1.7835




Details

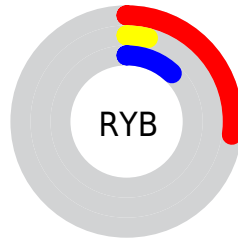
The HunterLab color **12.4296, 17.5935, 1.7835** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **20.9858, -13.7129, 5.0922**, and the grayscale version is **11.3050, -0.6032, 0.6142**.




A 20% lighter version of the original color is **27.4357, 20.4890, 2.8792**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.7306, 19.2265, 2.4271**, and if you desaturate by 10%, it is **13.2180, 15.8924, 1.1718**.

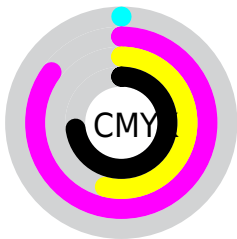
Distribution







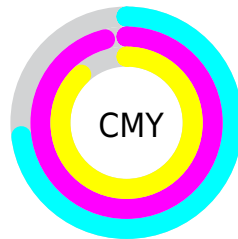
-  Red (27%)
-  Green (4%)
-  Blue (12%)






-  Red (27%)
-  Yellow (4%)
-  Blue (12%)



-  Cyan (0%)
-  Magenta (85%)
-  Yellow (54%)
-  Black (73%)



-  Cyan (73%)
-  Magenta (96%)
-  Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4296, 17.5935, 1.7835 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 12.4296, 17.5935, 1.7835 by changing the saturation by 10% instead.

■ 12.4296, 17.5935,
1.7835

■ 12.4296, 17.5935,
1.7835

■ 103.7623, 25.8085,
7.9786

■ 5.6579, 22.2063,
2.0703

■ 27.3630, 20.2697,
2.9589

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.1737, 21.3940,
3.5897

0.0000, NaN, NaN

■ 45.7680, 22.3869,
4.2502

0.0000, NaN, NaN

■ 56.0866, 23.2622,
4.9401

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 67.0817, 24.0324,
5.6586


0.0000, NaN, NaN


■ 78.7140, 24.7079,


0.0000, NaN, NaN


6.4051


 90.9503, 25.2975,
7.1787


 12.4296, 17.5935,
1.7835


 12.4296, 17.5935,
1.7835

 11.7306, 19.2265,
2.4271


 13.2180, 15.8924,
1.1718

 11.3907, 20.1088,
2.6955

 14.2021, 13.8566,
0.7331

 15.3624, 11.6147,
0.4674

 16.6767, 9.2697,
0.3605

 18.1240, 6.8926,
0.3916

■ 19.6855, 4.5266,
0.5392

■ 21.3452, 2.1949,
0.7834

■ 23.0897, -0.0923,
1.1075

■ 24.9081, -2.3327,
1.4975

Harmonies

Analogous

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



12.4300, 15.5853, -6.8594



12.4296, 17.5935, 1.7835



12.4300, 13.8253, 6.7814

Triad

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



12.4300, 17.5923, 1.7838



12.4300, -7.9735, 8.7010



12.4300, -6.3175, -19.7251

Complementary

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



12.4296, 17.5935, 1.7835



20.9858, -13.7129, 5.0922

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.



12.4300, -10.5870, -10.2051



12.4296, 17.5935, 1.7835



12.4300, -11.4302, 5.3920

Square

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



12.4300, 17.5923, 1.7838



12.4300, -1.8625, 8.7010



12.4300, -12.3600, -0.5429



12.4300, 0.5819, -22.8091

Rectangle

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



12.4296, 17.5935, 1.7835



12.4300, 8.9783, 8.7010



12.4300, -12.3600, -0.5429



12.4300, -8.0433, -16.9738

Sweetspot

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



12.4300, 17.5923, 1.7838



25.5702, 6.5315, 0.6654



11.1021, 17.7446, -22.0540



13.1391, 3.6481, 0.3280



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



12.4300, 17.5923, 1.7838



14.9740, 26.3513, 4.1894



12.9421, 13.9109, 6.9024



11.5980, 0.3253, 0.5130



16.3025, 28.6659, 4.7415



40.6312, 71.0532, 14.8524

Inverse Universe

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



12.4300, 17.5923, 1.7838



14.9740, 26.3513, 4.1894



19.3434, -8.0267, -4.9838



11.5980, 0.3253, 0.5130



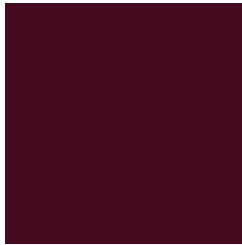
16.3025, 28.6659, 4.7415



40.6312, 71.0532, 14.8524

Previews

White Background



This preview shows how the HunterLab color 12.4296, 17.5935, 1.7835 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 12.4296, 17.5935, 1.7835 Background



This preview shows how black text looks on a background with the HunterLab color 12.4296, 17.5935, 1.7835.



This preview shows how white text looks on a background with the HunterLab color 12.4296, 17.5935,

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

12.4296, 17.5935, 1.7835

Protanopia

13.3555, -0.0471, -2.3497

Deuteranopia

13.1154, 0.6814, 3.1272



Tritanopia

12.5277, 14.7205, 5.8383

Trichromacy



Original Color

12.4296, 17.5935, 1.7835

Protanomaly

12.2931, 5.8560, -1.5802

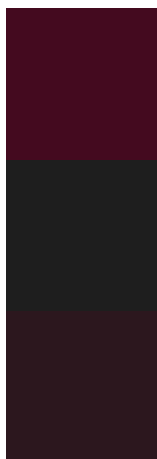
Deuteranomaly

12.1974, 6.9664, 1.9877

Tritanomaly

12.3907, 15.6859, 4.5148

Monochromacy



Original Color

12.4296, 17.5935, 1.7835

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

11.1445, 5.7948, 0.4340

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4296, 17.5935, 1.7835 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(68, 10, 31)` looks like.

```
.text, #text, p{  
    color:rgb(68, 10, 31)  
}
```

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(68, 10, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 10, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4296, 17.5935, 1.7835 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(68, 10, 31) }
```


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

```
.border{ border-color:rgb(68, 10, 31) }
```

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

Here you see how a box with a 4 pixel rgb(68, 10, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 10, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 10, 31);  
box-shadow:4px 4px 4px 4px rgb(68, 10, 31)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.4296, 17.5935, 1.7835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 10, 31) }
```

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

```
.background{ background-color: rgb(68, 10,  
31) }
```

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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