

Converting Colors

HunterLab(12.4719, 10.5865,
-27.3402)

Have a look what the booklet for
HunterLab(12.4719, 10.5865,
-27.3402) contains.

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Color

**HunterLab(12.4506, 10.6060,
-27.3676)**

Conversions

Conversions Part 1

Format	Color
Hex	1C1A4F
RGB	28, 26, 79
RGB Percent	11%, 10%, 31%
CMY	0.8902, 0.8980, 0.6902
CMYK	0.65, 0.67, 0.00, 0.69
HSL	242°, 50%, 21%
HSV	242°, 67%, 31%
XYZ	2.2596, 1.5502, 7.5773
YIQ	32.6400, -15.8210, 16.9070

Conversions

Conversions Part 2

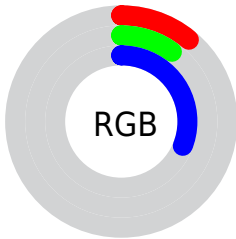
Format	Color
RYB	28, 26, 79
Decimal	1841743
CIELab	12.92, 19.10, -32.40
CIELCh	13, 37.607, 300.521
Yxy	1.5502, 0.1984, 0.1361
Android (android.graphics.Color)	4280031823 (0xFF1C1A4F)
YUV	32.6400, 22.8555, -4.0693
Hunter-Lab	12.4506, 10.6060, -27.3676

Details

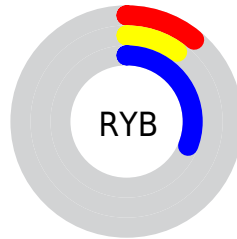
The HunterLab color **12.4506, 10.6060, -27.3676** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **26.9152, -7.0257, 14.3092**, and the grayscale version is **12.1534, -0.6485, 0.6603**.

A 20% lighter version of the original color is **27.3147, 12.5329, -28.0309**, and **3.9863, 6.9248, -19.9312** is the 20% darker color. If you saturate the color by 10%, you get **10.7394, 13.2173, -33.9894**, and if you desaturate by 10%, it is **14.3904, 8.2367, -21.4655**.

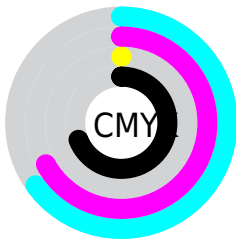
Distribution



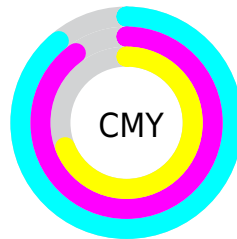
- Red (11%)
- Green (10%)
- Blue (31%)



- Red (11%)
- Yellow (10%)
- Blue (31%)



- Cyan (65%)
- Magenta (67%)
- Yellow (0%)
- Black (69%)



- Cyan (89%)
- Magenta (90%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4506, 10.6060, -27.3676 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 12.4506, 10.6060, -27.3676 by changing the saturation by 10% instead.

■ 12.4506, 10.6060,
-27.3676

■ 12.4506, 10.6060,
-27.3676

■ 103.8045, 14.8837,
-31.3965

■ 5.6893, 14.3242,
-35.0119

■ 27.3901, 12.3413,
-27.7086

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 36.2034, 12.9911,
-28.2756

0.0000, NaN, NaN

■ 45.8002, 13.5242,
-28.8799

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.1210, 13.9564,
-29.4710

0.0000, NaN, NaN

■ 67.1182, 14.2998,
-30.0260

0.0000, NaN, NaN

■ 78.7525, 14.5640,

0.0000, NaN, NaN

-30.5344

90.9908, 14.7565,
-30.9917

12.4506, 10.6060,
-27.3676

12.4506, 10.6060,
-27.3676

10.7394, 13.2173,
-33.9894

14.3904, 8.2367,
-21.4655

9.3273, 15.9243,
-40.9946

16.5056, 6.1227,
-16.2936

8.0498, 19.2040,
-49.1870

18.7589, 4.2314,
-11.7465

7.6405, 20.4728,
-52.3351

21.1242, 2.5201,
-7.7012

23.5826, 0.9502,
-4.0494

■ 26.1206, -0.5099,
-0.7041

■ 28.7278, -1.8846,
2.4022

■ 31.3964, -3.1931,
5.3213

■ 34.1202, -4.4497,
8.0929

Harmonies

Analogous

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



12.4508, -0.4906, -34.6650



12.4506, 10.6060, -27.3676



12.4508, 20.7286, -12.0025

Triad

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



12.4508, 10.6064, -27.3672



12.4508, 10.2074, 8.7155



12.4508, -15.4541, 0.5112

Complementary

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



12.4506, 10.6060, -27.3676



26.9152, -7.0257, 14.3092

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.



12.4508, -13.7507, 7.4584



12.4506, 10.6060, -27.3676



12.4508, -0.8384, 8.7155

Square

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



12.4508, 10.6064, -27.3672



12.4508, 20.4520, 7.6557



12.4508, -8.9619, 8.7155



12.4508, -13.6309, -12.5459

Rectangle

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



12.4506, 10.6060, -27.3676



12.4508, 24.3563, -2.7042



12.4508, -8.9619, 8.7155



12.4508, -15.2749, 3.3159

Sweetspot

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



12.4508, 10.6064, -27.3672



29.5707, 1.9600, -6.9483



24.7480, -10.7974, -2.6612



14.5260, 1.1268, -3.8131



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.



12.4508, 10.6064, -27.3672



12.7057, 19.6258, -50.4858



14.4740, 15.5692, -21.1096



12.8837, -0.1467, -0.6000



9.9206, 26.6589, -68.5468



23.9605, 64.7594, -168.4395

Inverse Universe

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



17.1372, 21.3950, -13.3554



20.4988, 33.4863, -20.8370



25.2259, -13.4757, 13.0112



13.1376, 0.7101, -0.2082



19.2598, 37.5759, -23.1582



46.8527, 91.3592, -55.9449

Previews

White Background



This preview shows how the HunterLab color 12.4506, 10.6060, -27.3676 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



This preview shows how the HunterLab color 12.4506, 10.6060, -27.3676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

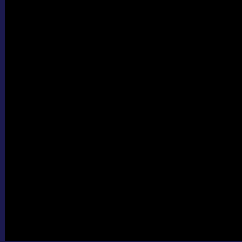
Any Text WCAG AA × Fail

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 12.4506, 10.6060, -27.3676 Background



This preview shows how black text looks on a background with the HunterLab color 12.4506, 10.6060, -27.3676.



This preview shows how white text looks on a background with the HunterLab color 12.4506, 10.6060, -27.3676.

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

12.4506, 10.6060, -27.3676

Protanopia

12.3182, 1.8896, -19.4759

Tritanopia

12.4351, -6.0669, -2.4461

Trichromacy



Original Color

12.4506, 10.6060, -27.3676

Protanomaly

12.1413, 5.0991, -23.2105

Tritanomaly

12.1837, -1.0039, -10.0991

Monochromacy



Original Color

12.4506, 10.6060, -27.3676

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.0422, 2.7180, -7.3894

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4506, 10.6060, -27.3676 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(28, 26, 79)` looks like.

```
.text, #text, p{  
    color:rgb(28, 26, 79)  
}
```

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(28, 26, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 26, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4506, 10.6060, -27.3676 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(28, 26, 79) }
```

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

```
.border{ border-color:rgb(28, 26, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 26, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 26, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 26, 79);  
box-shadow:4px 4px 4px 4px rgb(28, 26, 79)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 12.4506, 10.6060, -27.3676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 26, 79) }
```

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

```
.background{ background-color: rgb(28, 26,  
79) }
```

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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