

Converting Colors

HunterLab(18.5863, 2.1952,
-16.4003)

Have a look what the booklet for
HunterLab(18.5863, 2.1952,
-16.4003) contains.

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Color

**HunterLab(18.5280, 2.5140,
-16.7125)**

Conversions

Conversions Part 1

Format	Color
Hex	253356
RGB	37, 51, 86
RGB Percent	15%, 20%, 34%
CMY	0.8549, 0.8000, 0.6627
CMYK	0.57, 0.41, 0.00, 0.66
HSL	223°, 40%, 24%
HSV	223°, 57%, 34%
XYZ	3.6265, 3.4329, 9.2756
YIQ	50.8040, -19.5790, 7.9170

Conversions

Conversions Part 2

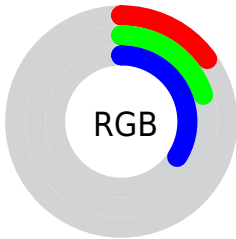
Format	Color
RYB	37, 48, 86
Decimal	2437974
CIELab	21.70, 5.83, -23.00
CIELCh	22, 23.727, 284.214
Yxy	3.4330, 0.2220, 0.2102
Android (android.graphics.Color)	4280628054 (0xFF253356)
YUV	50.8040, 17.3516, -12.1061
Hunter-Lab	18.5280, 2.5140, -16.7125

Details

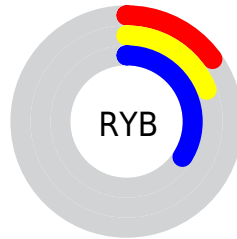
The HunterLab color **18.5280, 2.5140, -16.7125** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **25.9750, -0.8623, 11.9950**, and the grayscale version is **18.0777, -0.9646, 0.9822**.

A 20% lighter version of the original color is **35.0790, 2.5049, -17.7093**, and **4.9692, 7.2406, -21.8415** is the 20% darker color. If you saturate the color by 10%, you get **16.7046, 3.9213, -20.8870**, and if you desaturate by 10%, it is **20.4550, 1.3688, -12.8913**.

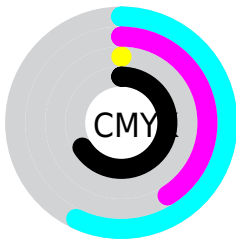
Distribution



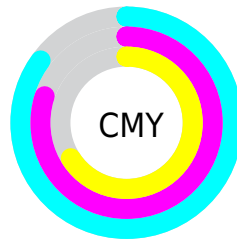
- Red (15%)
- Green (20%)
- Blue (34%)



- Red (15%)
- Yellow (19%)
- Blue (34%)



- Cyan (57%)
- Magenta (41%)
- Yellow (0%)
- Black (66%)



- Cyan (85%)
- Magenta (80%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.5280, 2.5140, -16.7125 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 18.5280, 2.5140, -16.7125 by changing the saturation by 10% instead.

■ 18.5280, 2.5140,
-16.7125

■ 18.5280, 2.5140,
-16.7125

■ 115.5055, 0.1194,
-19.6082

■ 11.6694, 2.4186,
-16.3320

■ 35.0820, 2.4078,
-17.7107

■ 4.3390, 5.6191,
-25.4720

■ 44.5864, 2.2404,
-18.1616

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 54.8214, 2.0107,
-18.5536

0.0000, NaN, NaN

■ 65.7381, 1.7255,
-18.8833

0.0000, NaN, NaN

■ 77.2964, 1.3900,
-19.1513

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.4624, 1.0083,

-19.3597

0.0000, NaN, NaN

102.2071, 0.5839,
-19.5110

18.5280, 2.5140,
-16.7125

18.5280, 2.5140,
-16.7125

16.7046, 3.9213,
-20.8870

20.4550, 1.3688,
-12.8913

15.0031, 5.6348,
-25.4494

22.4692, 0.4426,
-9.3786

13.4481, 7.6908,
-30.3946

24.5592, -0.3019,
-6.1269

12.0275, 9.9884,
-35.8144

26.7152, -0.8957,
-3.0933

11.6142, 10.6935,
-37.6011

28.9298, -1.3641,
-0.2411

■ 31.1970, -1.7277,
2.4608

■ 33.5116, -2.0028,
5.0379

■ 35.8696, -2.2029,
7.5114

■ 38.2675, -2.3386,
9.8985

Harmonies

Analogous

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



18.5283, -4.5887, -16.5419



18.5280, 2.5140, -16.7125



18.5283, 9.6233, -11.0502

Triad

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



18.5283, 2.5141, -16.7120



18.5283, 9.9484, 8.0149



18.5283, -12.4653, 4.2298

Complementary

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



18.5280, 2.5140, -16.7125



25.9750, -0.8623, 11.9950

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.



18.5283, -9.6472, 8.1548



18.5280, 2.5140, -16.7125



18.5283, 2.9071, 9.7040

Square

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



18.5283, 2.5141, -16.7120



18.5283, 14.3368, 3.9452



18.5283, -4.2509, 9.7430



18.5283, -12.5374, -2.5046

Rectangle

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



18.5280, 2.5140, -16.7125



18.5283, 13.1103, -5.6421



18.5283, -4.2509, 9.7430



18.5283, -11.8294, 5.8497

Sweetspot

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



18.5283, 2.5141, -16.7120



35.1447, -1.1419, -4.3235



27.4004, -13.8285, 3.6329



17.2121, -0.5275, -2.3352



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



18.5283, 2.5141, -16.7120



21.3160, 5.8901, -29.5625



16.1085, 10.6447, -22.2930



14.6402, -0.6608, -0.3831



14.2223, 14.5033, -49.0851



31.6105, 40.3748, -126.6679

Inverse Universe

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



18.8169, 15.4212, 1.9961



22.3971, 25.2942, 3.7521



28.8686, -9.3508, 14.0299



14.5882, 0.4640, 0.7462



17.9689, 31.3111, 7.4343



42.4260, 73.6117, 20.0052

Previews

White Background



This preview shows how the HunterLab color 18.5280, 2.5140, -16.7125 looks on a white background.

Color Contrast Check

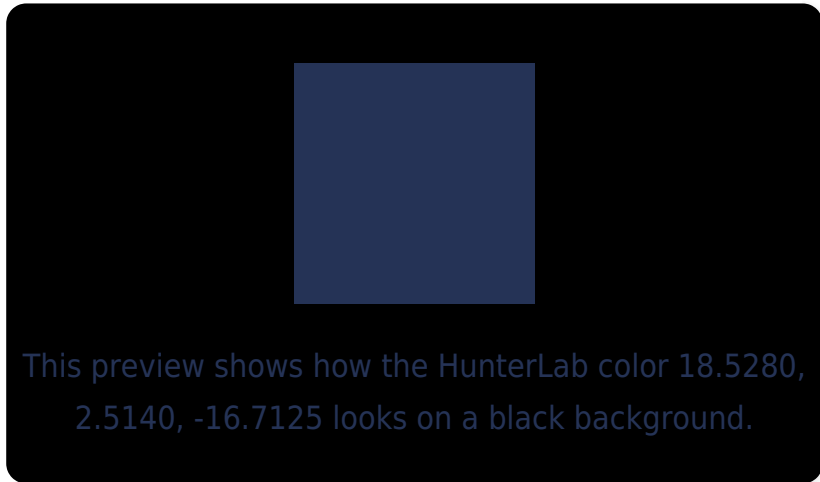
Large Text (above 18pt) WCAG AA ✓ Pass

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

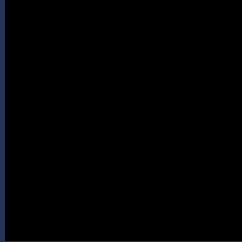
Any Text WCAG AA × Fail

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 18.5280, 2.5140, -16.7125 Background



This preview shows how black text looks on a background with the HunterLab color 18.5280, 2.5140, -16.7125.



This preview shows how white text looks on a background with the HunterLab color 18.5280, 2.5140,

-16.7125.

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

18.5280, 2.5140, -16.7125

Protanopia

18.5785, 2.6800, -16.6018

Deuteranopia

18.4496, 1.0254, -16.9065



Tritanopia

18.4344, -6.0342, -2.9459

Trichromacy



Original Color

18.5280, 2.5140, -16.7125

Protanomaly

18.5785, 2.6800, -16.6018

Deuteranomaly

18.5774, 1.4545, -16.6256

Tritanomaly

18.3626, -3.0717, -7.4480

Monochromacy



Original Color

18.5280, 2.5140, -16.7125

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.2172, -0.1728, -4.5642

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.5280, 2.5140, -16.7125 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(37, 51, 86)` looks like.

```
.text, #text, p{  
    color:rgb(37, 51, 86)  
}
```

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(37, 51, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 51, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 18.5280, 2.5140, -16.7125 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(37, 51, 86) }
```


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

```
.border{ border-color:rgb(37, 51, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 51, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 51, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 51, 86);  
box-shadow:4px 4px 4px 4px rgb(37, 51, 86)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.5280, 2.5140, -16.7125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 51, 86) }
```

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

```
.background{ background-color: rgb(37, 51,  
86) }
```

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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