

Converting Colors

HunterLab(16.5023, -15.4272,
-12.7388)

Have a look what the booklet for
HunterLab(16.5023, -15.4272,
-12.7388) contains.

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Color

**HunterLab(18.7274, -6.8887,
-8.5369)**

Conversions

Conversions Part 1

Format	Color
Hex	003A49
RGB	0, 58, 73
RGB Percent	0%, 23%, 29%
CMY	1.0000, 0.7725, 0.7137
CMYK	1.00, 0.21, 0.00, 0.71
HSL	192°, 100%, 14%
HSV	192°, 100%, 29%
XYZ	2.7157, 3.5072, 6.8372
YIQ	42.3680, -39.3830, -7.6310

Conversions

Conversions Part 2

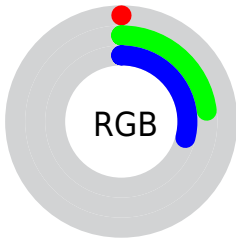
Format	Color
RYB	0, 32, 73
Decimal	14921
CIELab	21.97, -10.81, -14.03
CIELCh	22, 17.709, 232.386
Yxy	3.5073, 0.2079, 0.2685
Android (android.graphics.Color)	4278205001 (0xFF003A49)
YUV	42.3680, 15.1016, -37.1567
Hunter-Lab	18.7274, -6.8887, -8.5369

Details

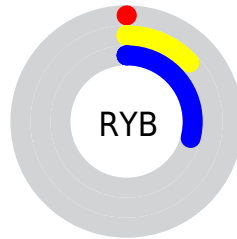
The HunterLab color **18.7274, -6.8887, -8.5369** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **13.2600, 16.0839, 8.4517**, and the grayscale version is **15.2984, -0.8163, 0.8312**.

A 20% lighter version of the original color is **35.2677, -9.2427, -9.3838**, and **6.5984, -0.5865, -6.9813** is the 20% darker color. If you saturate the color by 10%, you get **18.7274, -6.8885, -8.5372**, and if you desaturate by 10%, it is **19.2558, -6.9642, -7.6652**.

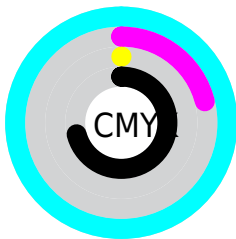
Distribution



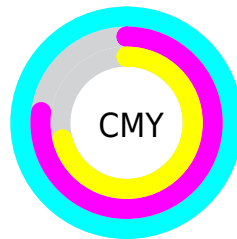
- Red (0%)
- Green (23%)
- Blue (29%)



- Red (0%)
- Yellow (13%)
- Blue (29%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (71%)



- Cyan (100%)
- Magenta (77%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.7274, -6.8887, -8.5369 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 18.7274, -6.8887, -8.5369 by changing the saturation by 10% instead.

18.7274, -6.8887,
-8.5369

18.7274, -6.8887,
-8.5369

115.8720,
-17.5202, -8.8867

11.8404, -5.5653,
-8.1542

35.3285, -9.3333,
-9.0906

4.6708, -8.1739,
-12.4861

44.8534, -10.5110,
-9.2510

0.0000, NaN, -NF

0.0000, NaN, NaN

55.1074, -11.6768,
-9.3397

0.0000, NaN, NaN

66.0419, -12.8383,
-9.3624

0.0000, NaN, NaN

77.6170, -14.0004,
-9.3242

0.0000, NaN, NaN

0.0000, NaN, NaN

89.7990, -15.1666,

-9.2297

0.0000, NaN, NaN

102.5590,
-16.3392, -9.0827

18.7274, -6.8887,
-8.5369

18.7274, -6.8887,
-8.5369

18.7274, -6.8885,
-8.5372

19.2558, -6.9642,
-7.6652

19.7912, -7.0175,
-6.8112

20.3729, -6.9020,
-5.9116

21.0052, -6.6035,
-4.9645

21.6879, -6.1259,
-3.9754

■ 22.4202, -5.4768,
-2.9499

■ 23.2007, -4.6659,
-1.8940

■ 24.0276, -3.7043,
-0.8133

■ 24.8990, -2.6038,
0.2873

Harmonies

Analogous

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



18.7277, -9.6144, -3.1152



18.7274, -6.8887, -8.5369



18.7277, -2.3474, -11.5455

Triad

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



18.7277, -6.8886, -8.5366



18.7277, 10.3580, -0.3278



18.7277, -4.7685, 8.0113

Complementary

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



18.7274, -6.8887, -8.5369



13.2600, 16.0839, 8.4517

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.



18.7277, 0.3860, 8.3697



18.7274, -6.8887, -8.5369



18.7277, 9.5221, 4.3842

Square

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



18.7277, -6.8886, -8.5366



18.7277, 7.8898, -6.0118



18.7277, 5.7195, 7.2448



18.7277, -8.4899, 6.0733

Rectangle

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



18.7274, -6.8887, -8.5369



18.7277, 1.2637, -11.3182



18.7277, 5.7195, 7.2448



18.7277, -3.1615, 8.2933

Sweetspot

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



18.7277, -6.8886, -8.5366



30.0693, -6.2019, -2.6232



21.9056, -18.2398, 11.9952



15.4114, -3.3255, -1.5078



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



18.7277, -6.8886, -8.5366



24.1692, -8.6949, -11.4395



10.2529, 7.9586, -29.9939



12.7859, -1.2441, 0.2281



25.5020, -9.1362, -12.1529



61.8976, -21.1057, -31.8054

Inverse Universe

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



13.1228, 24.7990, -9.5659



17.0462, 32.1691, -12.0626



19.4758, 1.9917, 12.0353



12.3729, 0.5649, 0.0268



18.0077, 33.9747, -12.6728



44.3068, 83.3429, -29.2468

Previews

White Background



This preview shows how the HunterLab color 18.7274, -6.8887, -8.5369 looks on a white background.

Color Contrast Check

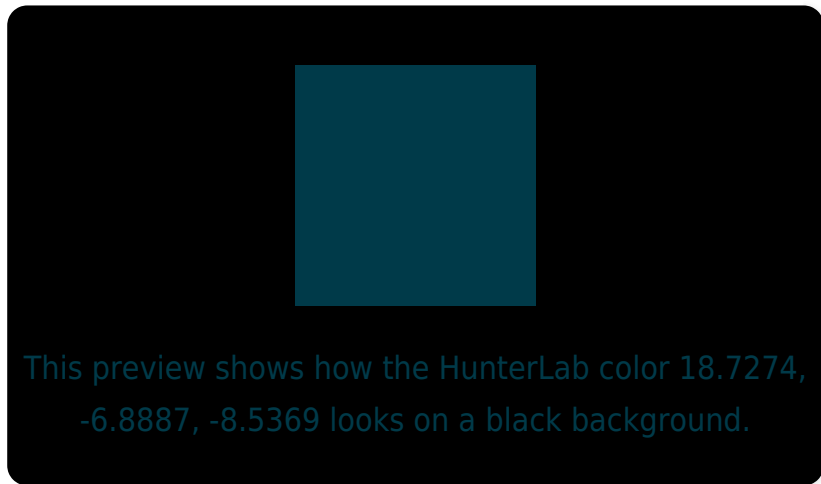
Large Text (above 18pt) WCAG AA ✓ Pass

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

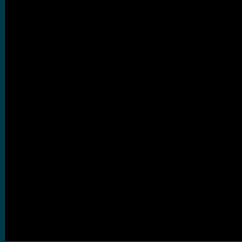
Any Text WCAG AA × Fail

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 18.7274, -6.8887, -8.5369 Background



This preview shows how black text looks on a background with the HunterLab color 18.7274, -6.8887, -8.5369.



This preview shows how white text looks on a background with the HunterLab color 18.7274, -6.8887, -8.5369.

-8.5369.

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

18.7274, -6.8887, -8.5369

Protanopia

19.0495, 0.5267, -5.7761

Deuteranopia

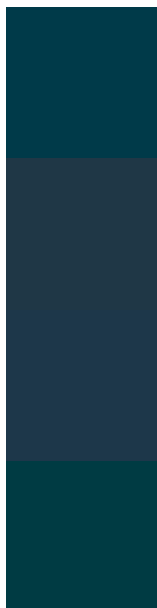
19.0301, 0.8010, -8.4442



Tritanopia

18.7032, -8.9724, -4.0085

Trichromacy



Original Color

18.7274, -6.8887, -8.5369

Protanomaly

18.6169, -3.4629, -7.0425

Deuteranomaly

18.6762, -2.9695, -9.1109

Tritanomaly

18.7967, -8.4215, -5.3147

Monochromacy



Original Color

18.7274, -6.8887, -8.5369

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

16.1368, -4.4396, -2.5097

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.7274, -6.8887, -8.5369 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(0, 58, 73)` looks like.

```
.text, #text, p{  
    color:rgb(0, 58, 73)  
}
```

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(0, 58, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 58, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 18.7274, -6.8887, -8.5369 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(0, 58, 73) }
```


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

```
.border{ border-color:rgb(0, 58, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 58, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 58, 73); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 58, 73); box-shadow:4px  
4px 4px 4px rgb(0, 58, 73) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.7274, -6.8887, -8.5369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 58, 73) }
```

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

```
.background{ background-color: rgb(0, 58,  
73) }
```

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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