

Converting Colors

HunterLab(16.6670, -10.7194,
-20.7249)

Have a look what the booklet for
HunterLab(16.6670, -10.7194,
-20.7249) contains.

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Color

**HunterLab(18.6661, -3.4621,
-15.8573)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 003855 |
| RGB | 0, 56, 85 |
| RGB Percent | 0%, 22%, 33% |
| CMY | 1.0000, 0.7804, 0.6667 |
| CMYK | 1.00, 0.34, 0.00, 0.67 |
| HSL | 200°, 100%, 17% |
| HSV | 200°, 100%, 33% |
| XYZ | 3.0539, 3.4842, 9.1059 |
| YIQ | 42.5620, -42.6850, -2.8530 |

Conversions

Conversions Part 2

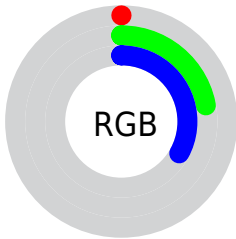
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 0, 34, 85 |
| Decimal | 14421 |
| CIE Lab | 21.89, -4.35, -22.14 |
| CIE LCh | 22, 22.562, 258.879 |
| Yxy | 3.4843, 0.1952, 0.2227 |
| Android (android.graphics.Color) | 4278204501 (0xFF003855) |
| YUV | 42.5620, 20.9219, -37.3269 |
| Hunter-Lab | 18.6661, -3.4621, -15.8573 |

Details

The HunterLab color **18.6661, -3.4621, -15.8573** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **16.7642, 15.2329, 10.5960**, and the grayscale version is **15.3443, -0.8187, 0.8337**.

A 20% lighter version of the original color is **35.3646, -4.9868, -16.7248**, and **6.6412, 2.5407, -13.7854** is the 20% darker color. If you saturate the color by 10%, you get **18.6657, -3.4613, -15.8584**, and if you desaturate by 10%, it is **19.5666, -4.0905, -14.0572**.

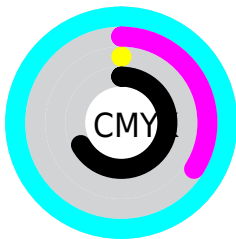
Distribution



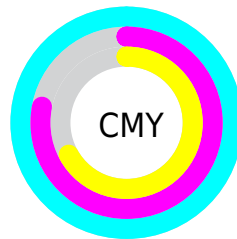
- Red (0%)
- Green (22%)
- Blue (33%)



- Red (0%)
- Yellow (13%)
- Blue (33%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (67%)



- Cyan (100%)
- Magenta (78%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.6661, -3.4621, -15.8573 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 18.6661, -3.4621, -15.8573 by changing the saturation by 10% instead.

■ 18.6661, -3.4621,
-15.8573

■ 18.6661, -3.4621,
-15.8573

■ 115.7594,
-10.7976, -18.5439

■ 11.7878, -2.7240,
-15.4521

■ 35.2527, -4.9580,
-16.8327

■ 4.5715, -4.3923,
-23.0491

■ 44.7713, -5.7300,
-17.2605

0.0000, NaN, -NF

■ 55.0195, -6.5217,
-17.6266

0.0000, NaN, NaN

■ 65.9486, -7.3342,
-17.9293

0.0000, NaN, NaN

■ 77.5185, -8.1679,
-18.1697

0.0000, NaN, NaN

■ 89.6956, -9.0231,

0.0000, NaN, NaN

-18.3503

0.0000, NaN, NaN

102.4509, -9.8997,
-18.4741

18.6661, -3.4621,
-15.8573

18.6661, -3.4621,
-15.8573

18.6657, -3.4613,
-15.8584

19.5666, -4.0905,
-14.0572

20.4909, -4.6484,
-12.3227

21.4836, -4.9730,
-10.5677

22.5440, -5.0667,
-8.8003

23.6691, -4.9418,
-7.0304

■ 24.8555, -4.6139,
-5.2659

■ 26.0996, -4.0998,
-3.5131

■ 27.3977, -3.4165,
-1.7763

■ 28.7460, -2.5806,
-0.0584

Harmonies

Analogous

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



18.6664, -8.8686, -11.0497



18.6661, -3.4621, -15.8573



18.6664, 3.4428, -15.0801

Triad

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



18.6664, -3.4618, -15.8569



18.6664, 13.1170, 4.6215



18.6664, -9.8916, 7.5036

Complementary

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



18.6661, -3.4621, -15.8573



16.7642, 15.2329, 10.5960

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.



18.6664, -5.0571, 9.3901



18.6661, -3.4621, -15.8573



18.6664, 8.4433, 8.1871

Square

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



18.6664, -3.4618, -15.8569



18.6664, 13.7072, -1.5563



18.6664, 1.6028, 9.5847



18.6664, -12.2093, 3.2675

Rectangle

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



18.6661, -3.4621, -15.8573



18.6664, 7.9769, -11.5519



18.6664, 1.6028, 9.5847



18.6664, -8.5420, 8.3570

Sweetspot

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



18.6664, -3.4618, -15.8569



33.9133, -5.4301, -4.8139



25.6566, -20.8108, 12.8570



16.9529, -2.8440, -2.7333



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.



18.6664, -3.4618, -15.8569



24.0493, -4.0234, -21.3742



9.8725, 15.2529, -45.2639



15.0180, -1.2840, 0.0751



23.4820, -3.9651, -20.7910



54.1015, -6.9643, -52.5882

Inverse Universe

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



14.8896, 27.4138, -5.2436



19.3999, 35.6507, -6.2833



25.3315, -2.1271, 15.5714



14.6269, 0.6726, 0.1947



18.9242, 34.7823, -6.1742



44.6607, 81.7481, -11.9575

Previews

White Background



This preview shows how the HunterLab color 18.6661, -3.4621, -15.8573 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 18.6661, -3.4621, -15.8573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

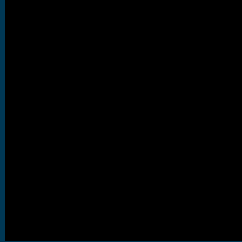
Any Text WCAG AA × Fail

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 18.6661, -3.4621, -15.8573 Background



This preview shows how black text looks on a background with the HunterLab color 18.6661, -3.4621, -15.8573.



This preview shows how white text looks on a background with the HunterLab color 18.6661, -3.4621, -15.8573.

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

18.6661, -3.4621, -15.8573

Protanopia

18.8611, 2.0647, -13.4352

Deuteranopia

18.8631, 1.1743, -16.0289

Trichromacy



Original Color

18.6661, -3.4621, -15.8573

Protanomaly

18.4493, -0.4894, -14.9397

Deuteranomaly

18.6569, -0.7920, -16.4963

Monochromacy



Original Color

18.6661, -3.4621, -15.8573

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

16.2862, -3.5920, -4.6003

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.6661, -3.4621, -15.8573 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, 56, 85)` looks like.

```
.text, #text, p{  
    color:rgb(0, 56, 85)  
}
```

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, 56, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 56, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 18.6661, -3.4621, -15.8573 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, 56, 85) }
```

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

```
.border{ border-color:rgb(0, 56, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 56, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 56, 85); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 56, 85); box-shadow:4px  
4px 4px 4px rgb(0, 56, 85) }
```


Background

The CSS property to change the background color of an element to HunterLab 18.6661, -3.4621, -15.8573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 56, 85) }
```

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

```
.background{ background-color: rgb(0, 56,  
85) }
```

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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