

Converting Colors

HunterLab(19.0360, -7.0087,
-17.1782)

Have a look what the booklet for
HunterLab(19.0360, -7.0087,
-17.1782) contains.

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Color

**HunterLab(19.8401, -4.3348,
-15.4409)**

Conversions

Conversions Part 1

Format	Color
Hex	003C58
RGB	0, 60, 88
RGB Percent	0%, 24%, 35%
CMY	1.0000, 0.7647, 0.6549
CMYK	1.00, 0.32, 0.00, 0.65
HSL	199°, 100%, 17%
HSV	199°, 100%, 35%
XYZ	3.3773, 3.9363, 9.8143
YIQ	45.2520, -44.7480, -4.0120

Conversions

Conversions Part 2

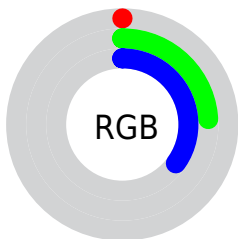
Format	Color
R_{YB}	0, 36, 88
Decimal	15448
CIE _{Lab}	23.46, -5.71, -21.64
CIE _{LCh}	23, 22.378, 255.230
Yxy	3.9364, 0.1972, 0.2298
Android (android.graphics.Color)	4278205528 (0xFF003C58)
YUV	45.2520, 21.0748, -39.6860
Hunter-Lab	19.8401, -4.3348, -15.4409

Details

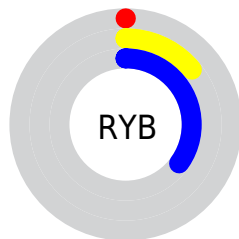
The HunterLab color **19.8401, -4.3348, -15.4409** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **17.0457, 16.6649, 10.7945**, and the grayscale version is **16.2263, -0.8658, 0.8816**.

A 20% lighter version of the original color is **36.6611, -5.9271, -16.3997**, and **7.7445, 1.0650, -11.9789** is the 20% darker color. If you saturate the color by 10%, you get **19.8397, -4.3341, -15.4419**, and if you desaturate by 10%, it is **20.7230, -4.9270, -13.7320**.

Distribution



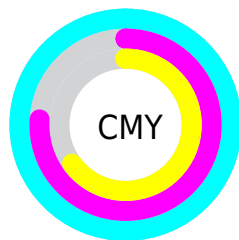
- Red (0%)
- Green (24%)
- Blue (35%)



- Red (0%)
- Yellow (14%)
- Blue (35%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (76%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.8401, -4.3348, -15.4409 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 19.8401, -4.3348, -15.4409 by changing the saturation by 10% instead.

■ 19.8401, -4.3348,
-15.4409

■ 19.8401, -4.3348,
-15.4409

■ 117.9009,
-12.3699, -17.9341

■ 12.7987, -3.4808,
-15.0006

■ 36.6988, -6.0262,
-16.3938

■ 6.1892, -4.3472,
-17.5865

■ 46.3358, -6.8837,
-16.7986

0.0000, NaN, -NF

■ 56.6940, -7.7550,
-17.1400

0.0000, NaN, NaN

■ 67.7263, -8.6423,
-17.4173

0.0000, NaN, NaN

■ 79.3938, -9.5468,
-17.6324

0.0000, NaN, NaN

■ 91.6636, -10.4693,

0.0000, NaN, NaN

-17.7883

0.0000, NaN, NaN

■ 104.5075,
-11.4103, -17.8879

■ 19.8401, -4.3348,
-15.4409

■ 19.8401, -4.3348,
-15.4409

■ 19.8397, -4.3341,
-15.4419

■ 20.7230, -4.9270,
-13.7320

■ 21.6319, -5.4381,
-12.0709

■ 22.6109, -5.7068,
-10.3767

■ 23.6594, -5.7354,
-8.6583

■ 24.7750, -5.5353,
-6.9256

■ 25.9544, -5.1213,
-5.1875

■ 27.1943, -4.5103,
-3.4513

■ 28.4909, -3.7196,
-1.7224

■ 29.8407, -2.7661,
-0.0048

Harmonies

Analogous

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



19.8404, -9.5765, -10.1513



19.8401, -4.3348, -15.4409



19.8404, 2.5526, -15.3949

Triad

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



19.8404, -4.3346, -15.4405



19.8404, 13.4563, 4.1215



19.8404, -9.6386, 8.0784

Complementary

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



19.8401, -4.3348, -15.4409



17.0457, 16.6649, 10.7945

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.



19.8404, -4.4307, 9.8141



19.8401, -4.3348, -15.4409



19.8404, 9.1912, 8.1206

Square

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



19.8404, -4.3346, -15.4405



19.8404, 13.4914, -2.4199



19.8404, 2.4424, 9.8263



19.8404, -12.3419, 4.0395

Rectangle

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



19.8401, -4.3348, -15.4409



19.8404, 7.2011, -12.2663



19.8404, 2.4424, 9.8263



19.8404, -8.1571, 8.8786

Sweetspot

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



19.8404, -4.3346, -15.4405



35.7929, -6.0562, -4.7933



26.5759, -21.6704, 13.5635



17.7914, -3.1667, -2.7233



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



19.8404, -4.3346, -15.4405



25.9123, -5.2455, -21.0646



10.3892, 15.3039, -46.0199



15.0415, -1.3223, 0.1032



24.1484, -4.9827, -19.4270



55.7667, -9.5696, -49.0455

Inverse Universe

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



15.4956, 28.6395, -6.3078



20.4484, 37.7250, -7.7672



25.8698, -1.5718, 15.9129



14.6293, 0.6857, 0.1600



19.0087, 35.0850, -7.3445



44.8670, 82.4889, -14.8275

Previews

White Background



This preview shows how the HunterLab color 19.8401, -4.3348, -15.4409 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 19.8401, -4.3348, -15.4409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

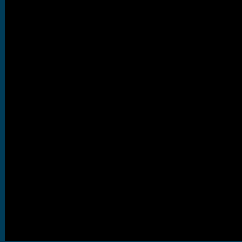
Any Text WCAG AA × Fail

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 19.8401, -4.3348, -15.4409 Background



This preview shows how black text looks on a background with the HunterLab color 19.8401, -4.3348, -15.4409.



This preview shows how white text looks on a background with the HunterLab color 19.8401, -4.3348, -15.4409.

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

19.8401, -4.3348, -15.4409

Protanopia

19.9419, 2.1472, -12.6114

Deuteranopia

19.9523, 1.3523, -15.7668



Tritanopia

19.9004, -9.7947, -3.7298

Trichromacy



Original Color

19.8401, -4.3348, -15.4409

Protanomaly

19.6422, -1.3110, -13.8616

Deuteranomaly

19.6321, -1.0131, -16.4636

Tritanomaly

19.8828, -7.9282, -7.7370

Monochromacy



Original Color

19.8401, -4.3348, -15.4409

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.9686, -3.5059, -5.0314

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.8401, -4.3348, -15.4409 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, 60, 88)` looks like.

```
.text, #text, p{  
    color:rgb(0, 60, 88)  
}
```

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, 60, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 60, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 19.8401, -4.3348, -15.4409 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, 60, 88) }
```


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

```
.border{ border-color:rgb(0, 60, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 60, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 60, 88); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 60, 88); box-shadow:4px  
4px 4px 4px rgb(0, 60, 88) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.8401, -4.3348, -15.4409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 60, 88) }
```

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

```
.background{ background-color: rgb(0, 60,  
88) }
```

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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