

Converting Colors

HunterLab(22.9505, -7.2808,
-21.5692)

Have a look what the booklet for
HunterLab(22.9505, -7.2808,
-21.5692) contains.

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Color

**HunterLab(23.5966, -4.1738,
-20.4836)**

Conversions

Conversions Part 1

Format	Color
Hex	00476B
RGB	0, 71, 107
RGB Percent	0%, 28%, 42%
CMY	1.0000, 0.7216, 0.5804
CMYK	1.00, 0.34, 0.00, 0.58
HSL	200°, 100%, 21%
HSV	200°, 100%, 42%
XYZ	4.9071, 5.5680, 14.7260
YIQ	53.8750, -53.8720, -3.8560

Conversions

Conversions Part 2

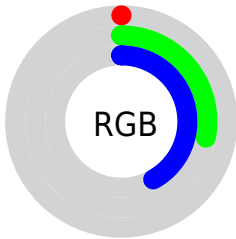
Format	Color
RYB	0, 43, 107
Decimal	18283
CIELab	28.30, -4.75, -26.29
CIELCh	28, 26.714, 259.762
Yxy	5.5682, 0.1947, 0.2209
Android (android.graphics.Color)	4278208363 (0xFF00476B)
YUV	53.8750, 26.1906, -47.2484
Hunter-Lab	23.5966, -4.1738, -20.4836

Details

The HunterLab color **23.5966, -4.1738, -20.4836** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **20.9482, 20.3864, 13.2641**, and the grayscale version is **19.0928, -1.0187, 1.0373**.

A 20% lighter version of the original color is **41.2298, -5.5633, -21.8607**, and **10.7064, 1.3483, -16.2927** is the 20% darker color. If you saturate the color by 10%, you get **23.5958, -4.1724, -20.4856**, and if you desaturate by 10%, it is **24.7163, -5.1418, -18.2276**.

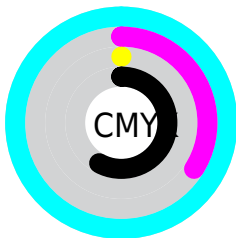
Distribution



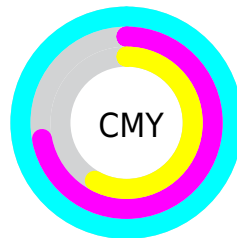
- Red (0%)
- Green (28%)
- Blue (42%)



- Red (0%)
- Yellow (17%)
- Blue (42%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (72%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.5966, -4.1738, -20.4836 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 23.5966, -4.1738, -20.4836 by changing the saturation by 10% instead.

■ 23.5966, -4.1738,
-20.4836

■ 23.5966, -4.1738,
-20.4836

■ 124.5680,
-11.8114, -23.8383

■ 16.0758, -3.4032,
-20.0331

■ 41.2655, -5.7412,
-21.5564

■ 9.5854, -2.6776,
-19.9700

■ 51.2577, -6.5488,
-22.0505

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 61.9472, -7.3753,
-22.4912

0.0000, NaN, NaN

■ 73.2911, -8.2217,
-22.8743

0.0000, NaN, NaN

■ 85.2537, -9.0883,
-23.1990

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.8044, -9.9755,

-23.4666

0.0000, NaN, NaN

■ 110.9169,
-10.8832, -23.6790

■ 23.5966, -4.1738,
-20.4836

■ 23.5966, -4.1738,
-20.4836

■ 23.5958, -4.1724,
-20.4856

■ 24.7163, -5.1418,
-18.2276

■ 25.8900, -5.9354,
-16.0054

■ 27.1572, -6.4096,
-13.7466

■ 28.5159, -6.5704,
-11.4652

■ 29.9625, -6.4329,
-9.1750

■ 31.4925, -6.0180,
-6.8877

■ 33.1009, -5.3485,
-4.6124

■ 34.7826, -4.4481,
-2.3558

■ 36.5326, -3.3396,
-0.1222

Harmonies

Analogous

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



23.5970, -11.1639, -14.4670



23.5966, -4.1738, -20.4836



23.5970, 4.6946, -19.2556

Triad

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



23.5970, -4.1735, -20.4831



23.5970, 16.7283, 6.0754



23.5970, -12.7670, 9.4531

Complementary

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



23.5966, -4.1738, -20.4836



20.9482, 20.3864, 13.2641

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.



23.5970, -6.6776, 11.9196



23.5966, -4.1738, -20.4836



23.5970, 10.6054, 10.5190

Square

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



23.5970, -4.1735, -20.4831



23.5970, 17.6581, -1.7371



23.5970, 1.8013, 12.2219



23.5970, -15.6248, 3.9527

Rectangle

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



23.5966, -4.1738, -20.4836



23.5970, 10.4784, -14.6042



23.5970, 1.8013, 12.2219



23.5970, -11.0754, 10.5647

Sweetspot

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



23.5970, -4.1735, -20.4831



44.1052, -7.2465, -6.4326



32.6204, -26.5991, 16.6484



21.3574, -3.7186, -3.6411



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



23.5970, -4.1735, -20.4831



31.2087, -5.0176, -28.1766



12.2031, 20.5927, -59.7030



18.2451, -1.5976, 0.0524



25.9156, -4.4327, -22.8234



57.0724, -7.7780, -54.5450

Inverse Universe

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



18.9236, 34.8078, -6.4077



25.2756, 46.4160, -7.9370



32.0916, -2.4855, 19.7306



17.7410, 0.9123, 0.1896



20.8575, 38.3446, -6.8750



46.9046, 85.9197, -13.0553

Previews

White Background



This preview shows how the HunterLab color 23.5966, -4.1738, -20.4836 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 23.5966, -4.1738, -20.4836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

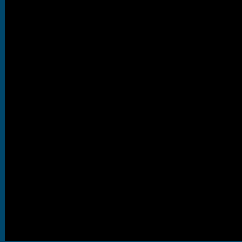
Any Text WCAG AA × Fail

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 23.5966, -4.1738, -20.4836 Background



This preview shows how black text looks on a background with the HunterLab color 23.5966, -4.1738, -20.4836.



This preview shows how white text looks on a background with the HunterLab color 23.5966, -4.1738, -20.4836.

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

23.5966, -4.1738, -20.4836

Protanopia

23.7907, 2.7665, -17.2710

Deuteranopia

23.6867, 1.5795, -20.8889



Tritanopia

23.6883, -11.5839, -4.6019

Trichromacy



Original Color

23.5966, -4.1738, -20.4836

Protanomaly

23.3962, -1.0755, -18.7916

Deuteranomaly

23.3452, -0.8962, -21.6623

Tritanomaly

23.7397, -9.2559, -9.6917

Monochromacy



Original Color

23.5966, -4.1738, -20.4836

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

20.1317, -4.3910, -6.2358

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.5966, -4.1738, -20.4836 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, 71, 107)` looks like.

```
.text, #text, p{  
    color:rgb(0, 71, 107)  
}
```

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, 71, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 71, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 23.5966, -4.1738, -20.4836 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, 71, 107) }
```


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

```
.border{ border-color:rgb(0, 71, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 71, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 71, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 71, 107);  
box-shadow:4px 4px 4px 4px rgb(0, 71, 107)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.5966, -4.1738, -20.4836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 71, 107) }
```

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

```
.background{ background-color: rgb(0, 71,  
107) }
```

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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