

Converting Colors

HunterLab(23.2118, -3.7623,
-20.5685)

Have a look what the booklet for
HunterLab(23.2118, -3.7623,
-20.5685) contains.

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Color

**HunterLab(23.3106, -3.9097,
-20.3866)**

Conversions

Conversions Part 1

Format	Color
Hex	02466A
RGB	2, 70, 106
RGB Percent	1%, 27%, 42%
CMY	0.9921, 0.7255, 0.5843
CMYK	0.98, 0.34, 0.00, 0.58
HSL	201°, 96%, 21%
HSV	201°, 98%, 42%
XYZ	4.8167, 5.4338, 14.4306
YIQ	53.7720, -52.0840, -3.2200

Conversions

Conversions Part 2

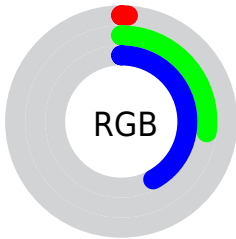
Format	Color
R _Y B	2, 43, 106
Decimal	149098
CIE Lab	27.94, -4.35, -26.22
CIE LCh	28, 26.575, 260.575
Yxy	5.4340, 0.1952, 0.2202
Android (android.graphics.Color)	4278339178 (0xFF02466A)
YUV	53.7720, 25.7484, -45.4040
Hunter-Lab	23.3106, -3.9097, -20.3866

Details

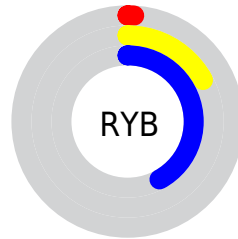
The HunterLab color **23.3106, -3.9097, -20.3866** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **21.1081, 19.2826, 13.1821**, and the grayscale version is **19.0590, -1.0169, 1.0355**.

A 20% lighter version of the original color is **40.8994, -5.3412, -21.7846**, and **10.4372, 1.4992, -16.2819** is the 20% darker color. If you saturate the color by 10%, you get **23.0964, -3.7204, -20.8373**, and if you desaturate by 10%, it is **24.4477, -4.8995, -18.0903**.

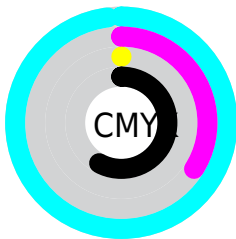
Distribution



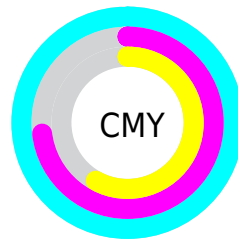
- Red (1%)
- Green (27%)
- Blue (42%)



- Red (1%)
- Yellow (17%)
- Blue (42%)



- Cyan (98%)
- Magenta (34%)
- Yellow (0%)
- Black (58%)



- Cyan (99%)
- Magenta (73%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.3106, -3.9097, -20.3866 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 23.3106, -3.9097, -20.3866 by changing the saturation by 10% instead.

■ 23.3106, -3.9097,
-20.3866

■ 23.3106, -3.9097,
-20.3866

■ 124.0693,
-11.3512, -23.7398

■ 15.8243, -3.1708,
-19.9414

■ 40.9207, -5.4229,
-21.4578

■ 9.3738, -2.5237,
-19.8991

■ 50.8870, -6.2067,
-21.9520

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 61.5523, -7.0109,
-22.3930

0.0000, NaN, NaN

■ 72.8734, -7.8362,
-22.7762

0.0000, NaN, NaN

■ 84.8143, -8.6829,
-23.1009

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.3444, -9.5510,

-23.3685

0.0000, NaN, NaN

■ 110.4371,
-10.4405, -23.5807

■ 23.3106, -3.9097,
-20.3866

■ 23.3106, -3.9097,
-20.3866

■ 23.0964, -3.7204,
-20.8373

■ 24.4477, -4.8995,
-18.0903

■ 25.6530, -5.6656,
-15.8075

■ 26.9514, -6.1143,
-13.4969

■ 28.3405, -6.2546,
-11.1731

■ 29.8161, -6.1038,
-8.8494

■ 31.3734, -5.6835,
-6.5365

■ 33.0071, -5.0172,
-4.2427

■ 34.7122, -4.1286,
-1.9733

■ 36.4837, -3.0400,
0.2682

Harmonies

Analogous

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



23.3110, -10.9042, -14.5799



23.3106, -3.9097, -20.3866



23.3110, 4.8992, -18.9619

Triad

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



23.3110, -3.9094, -20.3861



23.3110, 16.4796, 6.1768



23.3110, -12.7621, 9.2526

Complementary

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



23.3106, -3.9097, -20.3866



21.1081, 19.2826, 13.1821

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.



23.3110, -6.8123, 11.7598



23.3106, -3.9097, -20.3866



23.3110, 10.2986, 10.4871

Square

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



23.3110, -3.9094, -20.3861



23.3110, 17.5579, -1.4766



23.3110, 1.5445, 12.1096



23.3110, -15.5008, 3.7164

Rectangle

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



23.3106, -3.9097, -20.3866



23.3110, 10.6027, -14.2511



23.3110, 1.5445, 12.1096



23.3110, -11.1160, 10.3779

Sweetspot

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



23.3110, -3.9094, -20.3861



43.3523, -6.8183, -6.1348



32.3306, -26.1679, 16.3030



20.6525, -3.4417, -3.4277



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



23.3110, -3.9094, -20.3861



30.2386, -4.3681, -28.3662



12.3735, 19.6833, -57.3696



18.2324, -1.5770, 0.0372



25.6051, -3.9507, -23.4758



56.3388, -6.6129, -56.1432

Inverse Universe

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



18.8416, 34.0182, -6.0282



24.7314, 45.3401, -7.1723



31.8722, -2.5728, 19.4870



17.7397, 0.9053, 0.2083



20.8188, 38.2056, -6.3366



46.8150, 85.5975, -11.8054

Previews

White Background



This preview shows how the HunterLab color 23.3106, -3.9097, -20.3866 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 23.3106, -3.9097, -20.3866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

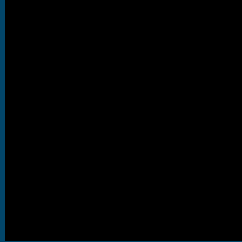
Any Text WCAG AA × Fail

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 23.3106, -3.9097, -20.3866 Background



This preview shows how black text looks on a background with the HunterLab color 23.3106, -3.9097, -20.3866.



This preview shows how white text looks on a background with the HunterLab color 23.3106, -3.9097, -20.3866.

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

23.3106, -3.9097, -20.3866

Protanopia

23.4452, 2.7999, -17.2930

Deuteranopia

23.3457, 1.6329, -20.9123



Tritanopia

23.3711, -11.4176, -4.5645

Trichromacy



Original Color

23.3106, -3.9097, -20.3866

Protanomaly

23.0947, -0.8816, -18.7275

Deuteranomaly

23.0410, -0.7110, -21.6083

Tritanomaly

23.4367, -9.0395, -9.6262

Monochromacy



Original Color

23.3106, -3.9097, -20.3866

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

20.1744, -4.2353, -6.1674

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.3106, -3.9097, -20.3866 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(2, 70, 106)` looks like.

```
.text, #text, p{  
    color:rgb(2, 70, 106)  
}
```

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(2, 70, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 70, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 23.3106, -3.9097, -20.3866 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(2, 70, 106) }
```


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

```
.border{ border-color:rgb(2, 70, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 70, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 70, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 70, 106);  
box-shadow:4px 4px 4px 4px rgb(2, 70, 106)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.3106, -3.9097, -20.3866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 70, 106) }
```

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

```
.background{ background-color: rgb(2, 70,  
106) }
```

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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