

Converting Colors

HunterLab(23.3610, -9.4703,
-8.4080)

Have a look what the booklet for
HunterLab(23.3610, -9.4703,
-8.4080) contains.

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Color

**HunterLab(23.3797, -9.3989,
-8.6244)**

Conversions

Conversions Part 1

Format	Color
Hex	024957
RGB	2, 73, 87
RGB Percent	1%, 29%, 34%
CMY	0.9921, 0.7137, 0.6588
CMYK	0.98, 0.16, 0.00, 0.66
HSL	190°, 95%, 17%
HSV	190°, 98%, 34%
XYZ	4.1279, 5.4661, 9.8543
YIQ	53.3670, -46.8100, -10.6980

Conversions

Conversions Part 2

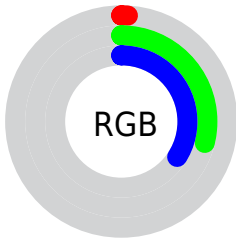
Format	Color
R_YB	2, 41, 87
Decimal	149847
CIE Lab	28.02, -14.00, -13.89
CIE LCh	28, 19.726, 224.769
Yxy	5.4663, 0.2123, 0.2811
Android (android.graphics.Color)	4278339927 (0xFF024957)
YUV	53.3670, 16.5811, -45.0489
Hunter-Lab	23.3797, -9.3989, -8.6244

Details

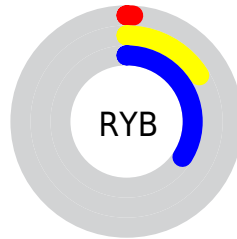
The HunterLab color **23.3797, -9.3989, -8.6244** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **15.4965, 20.4177, 9.6859**, and the grayscale version is **18.9503, -1.0111, 1.0296**.

A 20% lighter version of the original color is **41.0895, -12.2973, -9.0463**, and **10.4676, -3.2747, -6.0144** is the 20% darker color. If you saturate the color by 10%, you get **23.2595, -9.3832, -8.8167**, and if you desaturate by 10%, it is **23.9019, -9.4743, -7.8046**.

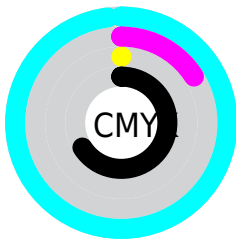
Distribution



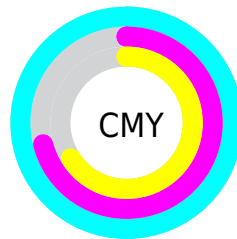
- Red (1%)
- Green (29%)
- Blue (34%)



- Red (1%)
- Yellow (16%)
- Blue (34%)



- Cyan (98%)
- Magenta (16%)
- Yellow (0%)
- Black (66%)



- Cyan (99%)
- Magenta (71%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.3797, -9.3989, -8.6244 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 23.3797, -9.3989, -8.6244 by changing the saturation by 10% instead.

■ 23.3797, -9.3989,
-8.6244

■ 23.3797, -9.3989,
-8.6244

■ 124.1900,
-21.5879, -8.5865

■ 15.8851, -7.8553,
-8.2824

■ 41.0041, -12.2526,
-9.0726

■ 9.4250, -6.9781,
-7.8918

■ 50.9767, -13.6182,
-9.1836

0.0000, NaN, -NF

■ 61.6478, -14.9624,
-9.2265

0.0000, NaN, NaN

■ 72.9744, -16.2938,
-9.2066

0.0000, NaN, NaN

■ 84.9206, -17.6183,
-9.1288

0.0000, NaN, NaN

■ 97.4557, -18.9401,

0.0000, NaN, NaN

0.0000, NaN, NaN

-8.9972

0.0000, NaN, NaN

■ 110.5532,
-20.2625, -8.8154

■ 23.3797, -9.3989,
-8.6244

■ 23.3797, -9.3989,
-8.6244

■ 23.2595, -9.3832,
-8.8167

■ 23.9019, -9.4743,
-7.8046

■ 24.4567, -9.4285,
-6.9546

■ 25.0726, -9.1557,
-6.0333

■ 25.7515, -8.6524,
-5.0440

■ 26.4939, -7.9221,
-3.9921

■ 27.2991, -6.9727,
-2.8840

■ 28.1660, -5.8158,
-1.7269

■ 29.0927, -4.4652,
-0.5276

■ 30.0771, -2.9359,
0.7072

Harmonies

Analogous

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



23.3801, -12.0483, -1.9304



23.3797, -9.3989, -8.6244



23.3801, -4.4105, -13.1666

Triad

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



23.3801, -9.3988, -8.6240



23.3801, 11.9243, -2.0346



23.3801, -4.3195, 10.0315

Complementary

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



23.3797, -9.3989, -8.6244



15.4965, 20.4177, 9.6859

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.



23.3801, 2.0905, 10.0177



23.3797, -9.3989, -8.6244



23.3801, 11.9554, 4.0782

Square

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



23.3801, -9.3988, -8.6240



23.3801, 8.1164, -8.7178



23.3801, 8.1976, 8.1357



23.3801, -9.3384, 8.1804

Rectangle

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



23.3797, -9.3989, -8.6244



23.3801, -0.2113, -13.7533



23.3801, 8.1976, 8.1357



23.3801, -2.2684, 10.2246

Sweetspot

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



23.3801, -9.3988, -8.6240



36.5339, -7.9586, -2.5996



26.1977, -21.8770, 14.7577



17.8997, -4.1287, -1.4778



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.



23.3801, -9.3988, -8.6240



30.2157, -12.0354, -11.7860



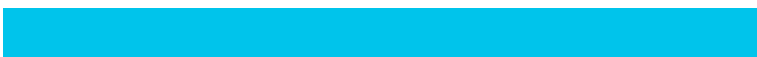
13.1184, 7.7311, -32.5341



15.1988, -1.5769, 0.2902



28.7838, -11.4900, -11.1737



67.4064, -26.1557, -27.7896

Inverse Universe

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



15.9715, 29.6625, -13.0393



20.6422, 39.2409, -16.8205



22.3203, 4.2617, 13.6752



14.6457, 0.7738, -0.0731



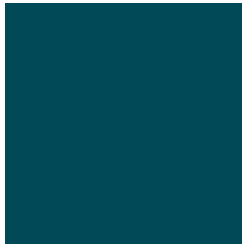
19.6495, 37.3603, -16.0620



46.4519, 88.1259, -36.4602

Previews

White Background



This preview shows how the HunterLab color 23.3797, -9.3989, -8.6244 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 23.3797, -9.3989, -8.6244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

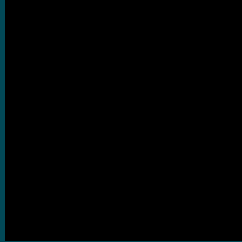
Any Text WCAG AA × Fail

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 23.3797, -9.3989, -8.6244 Background



This preview shows how black text looks on a background with the HunterLab color 23.3797, -9.3989, -8.6244.



This preview shows how white text looks on a background with the HunterLab color 23.3797, -9.3989, -8.6244.

-8.6244.

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

23.3797, -9.3989, -8.6244

Protanopia

23.5847, 0.5130, -5.5259

Deuteranopia

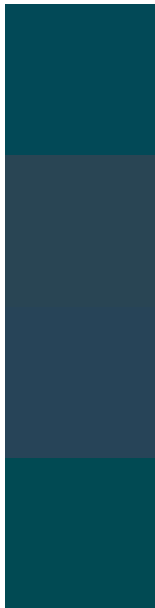
23.3720, 1.5392, -9.5470



Tritanopia

23.4024, -11.2322, -5.0039

Trichromacy



Original Color

23.3797, -9.3989, -8.6244

Protanomaly

23.1684, -4.7744, -7.2717

Deuteranomaly

22.9568, -3.8998, -9.7670

Tritanomaly

23.5129, -10.6093, -6.3330

Monochromacy



Original Color

23.3797, -9.3989, -8.6244

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

19.8833, -5.8017, -2.7621

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.3797, -9.3989, -8.6244 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, 73, 87)` looks like.

```
.text, #text, p{  
    color:rgb(2, 73, 87)  
}
```

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, 73, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 73, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 23.3797, -9.3989, -8.6244 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, 73, 87) }
```


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

```
.border{ border-color:rgb(2, 73, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 73, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 73, 87); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 73, 87); box-shadow:4px  
4px 4px 4px rgb(2, 73, 87) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.3797, -9.3989, -8.6244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 73, 87) }
```

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

```
.background{ background-color: rgb(2, 73,  
87) }
```

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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