

Converting Colors

HunterLab(39.0405, -23.6514,
2.2592)

Have a look what the booklet for
HunterLab(39.0405, -23.6514,
2.2592) contains.

HunterLab(39.0495, -23.5865, 2.1081)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(39.0495,
-23.5865, 2.1081)**

Conversions

Conversions Part 1

Format	Color
Hex	007B6C
RGB	0, 123, 108
RGB Percent	0%, 48%, 42%
CMY	1.0000, 0.5176, 0.5765
CMYK	1.00, 0.00, 0.12, 0.52
HSL	173°, 100%, 24%
HSV	173°, 100%, 48%
XYZ	9.7897, 15.2486, 16.6147
YIQ	84.5130, -68.4930, -30.7410

Conversions

Conversions Part 2

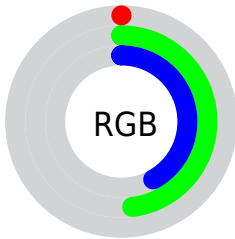
Format	Color
RYB	0, 65, 123
Decimal	31596
CIELab	45.97, -32.75, -0.02
CIELCh	46, 32.748, 180.042
Yxy	15.2492, 0.2350, 0.3661
Android (android.graphics.Color)	4278221676 (0xFF007B6C)
YUV	84.5130, 11.5791, -74.1179
Hunter-Lab	39.0495, -23.5865, 2.1081

Details

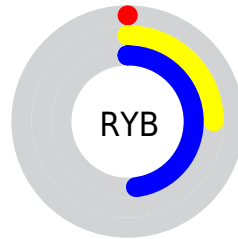
The HunterLab color **39.0495, -23.5865, 2.1081** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **20.6056, 35.4519, 12.0159**, and the grayscale version is **29.9410, -1.5976, 1.6268**.

A 20% lighter version of the original color is **59.3432, -28.6289, 3.2943**, and **22.5876, -14.0438, 2.0840** is the 20% darker color. If you saturate the color by 10%, you get **39.0501, -23.5873, 2.1090**, and if you desaturate by 10%, it is **39.1941, -22.9260, 1.6491**.

Distribution



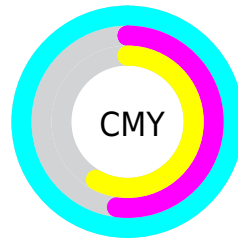
- Red (0%)
- Green (48%)
- Blue (42%)



- Red (0%)
- Yellow (25%)
- Blue (48%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (52%)



- Cyan (100%)
- Magenta (52%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.0495, -23.5865, 2.1081 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 39.0495, -23.5865, 2.1081 by changing the saturation by 10% instead.

■ 39.0495, -23.5865,
2.1081

■ 39.0495, -23.5865,
2.1081

149.9566,
-44.2897, 8.1358

■ 29.9908, -20.8127,
1.6169

■ 59.4052, -28.6790,
3.2140

■ 21.7660, -17.8044,
1.1707

■ 70.6006, -31.0696,
3.8222

■ 14.4711, -14.4452,
0.7754

■ 82.4224, -33.3867,
4.4646

■ 8.1322, -14.2313,
0.4304

■ 94.8390, -35.6454,
5.1394

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.8232,
-37.8571, 5.8452

0.0000, NaN, NaN

■ 121.3512,

0.0000, NaN, NaN

-40.0307, 6.5806

0.0000, NaN, NaN

135.4019,
-42.1730, 7.3445

■ 39.0495, -23.5865,
2.1081

■ 39.0495, -23.5865,
2.1081

■ 39.0501, -23.5873,
2.1090

■ 39.1941, -22.9260,
1.6491

■ 39.3903, -22.0585,
1.2487

■ 39.6726, -20.8538,
0.9522

■ 40.0495, -19.2881,
0.7721

■ 40.5269, -17.3506,
0.7174

■ 41.1087, -15.0411,
0.7937

■ 41.7974, -12.3688,
1.0035

■ 42.5938, -9.3505,
1.3464

■ 43.4974, -6.0090,
1.8198

Harmonies

Analogous

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



39.0502, -21.0334, 12.0191



39.0495, -23.5865, 2.1081



39.0502, -21.0191, -11.3500

Triad

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



39.0502, -23.5866, 2.1086



39.0502, 10.8768, -23.7332



39.0502, 10.8418, 17.3470

Complementary

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



39.0495, -23.5865, 2.1081



20.6056, 35.4519, 12.0159

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.



39.0502, 21.3244, 12.0403



39.0495, -23.5865, 2.1081



39.0502, 21.3464, -11.3107

Square

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



39.0502, -23.5866, 2.1086



39.0502, -2.0678, -28.8825



39.0502, 25.3893, 2.1427



39.0502, -2.1036, 18.9262

Rectangle

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



39.0495, -23.5865, 2.1081



39.0502, -16.5344, -20.1419



39.0502, 25.3893, 2.1427



39.0502, 14.8270, 16.0455

Sweetspot

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



39.0502, -23.5866, 2.1086



55.8580, -16.8351, 1.3156



37.7892, -31.6299, 22.7312



26.9458, -8.7951, 0.5834



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



39.0502, -23.5866, 2.1086



52.2421, -31.6447, 3.0137



26.2023, -2.9828, -26.3099



21.2236, -2.7677, 0.9106



39.7166, -23.9943, 2.1545



86.6945, -52.6983, 5.3999

Inverse Universe

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



20.6056, 35.4519, 12.0159



27.5496, 47.3577, 16.4211



24.6905, 22.6616, 15.6100



20.0556, 0.6494, 1.3746



20.9556, 36.0550, 12.2398



45.6918, 78.4627, 27.8652

Previews

White Background



This preview shows how the HunterLab color 39.0495, -23.5865, 2.1081 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 × Fail

Black Background



This preview shows how the HunterLab color 39.0495, -23.5865, 2.1081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

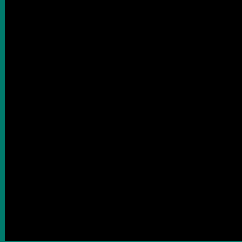
Any Text WCAG AA × Fail

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 39.0495, -23.5865, 2.1081 Background



This preview shows how black text looks on a background with the HunterLab color 39.0495, -23.5865, 2.1081.



This preview shows how white text looks on a background with the HunterLab color 39.0495,

-23.5865, 2.1081.

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

39.0495, -23.5865, 2.1081

Protanopia

38.9306, -1.7694, 5.5961

Deuteranopia

38.8903, 2.8431, 0.6437



Tritanopia

39.2020, -16.8187, -8.0793

Trichromacy



Original Color

39.0495, -23.5865, 2.1081

Protanomaly

37.6394, -13.5805, 2.7424

Deuteranomaly

37.7252, -11.2980, -0.5873

Tritanomaly

39.0376, -19.5750, -4.2525

Monochromacy



Original Color

39.0495, -23.5865, 2.1081

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

32.4010, -12.8553, 0.7902

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.0495, -23.5865, 2.1081 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, 123, 108)` looks like.

```
.text, #text, p{  
    color:rgb(0, 123, 108)  
}
```

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, 123, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 123, 108) }
```

Border

The CSS property to change the border of an element to HunterLab 39.0495, -23.5865, 2.1081 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, 123, 108) }
```


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

```
.border{ border-color:rgb(0, 123, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 123, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 123, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 123, 108);  
box-shadow:4px 4px 4px 4px rgb(0, 123,  
108) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.0495, -23.5865, 2.1081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 123, 108) }
```

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

```
.background{ background-color: rgb(0, 123,  
108) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor