

Converting Colors

HunterLab(25.0543, -3.8640,
-22.9744)

Have a look what the booklet for
HunterLab(25.0543, -3.8640,
-22.9744) contains.

HunterLab(25.0399, -3.8240, -23.0427)	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(25.0399, -3.8240,
-23.0427)**

Conversions

Conversions Part 1

Format	Color
Hex	004B73
RGB	0, 75, 115
RGB Percent	0%, 29%, 45%
CMY	0.9999, 0.7059, 0.5490
CMYK	1.00, 0.35, 0.00, 0.55
HSL	201°, 100%, 23%
HSV	201°, 100%, 45%
XYZ	5.6106, 6.2700, 17.1342
YIQ	57.1350, -57.5400, -3.4600

Conversions

Conversions Part 2

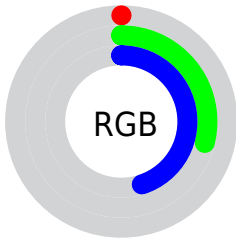
Format	Color
RYB	0, 45, 115
Decimal	19315
CIELab	30.08, -3.95, -28.52
CIELCh	30, 28.795, 262.109
Yxy	6.2702, 0.1934, 0.2161
Android (android.graphics.Color)	4278209395 (0xFF004B73)
YUV	57.1350, 28.5274, -50.1074
Hunter-Lab	25.0399, -3.8240, -23.0427

Details

The HunterLab color **25.0399, -3.8240, -23.0427** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **22.7231, 21.7397, 14.3814**, and the grayscale version is **20.1949, -1.0775, 1.0972**.

A 20% lighter version of the original color is **43.1081, -5.6458, -23.8187**, and **11.9928, 1.7795, -18.8315** is the 20% darker color. If you saturate the color by 10%, you get **25.0388, -3.8222, -23.0453**, and if you desaturate by 10%, it is **26.2767, -4.9845, -20.4935**.

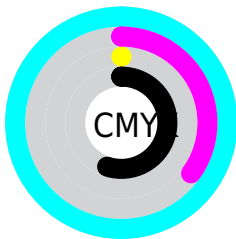
Distribution



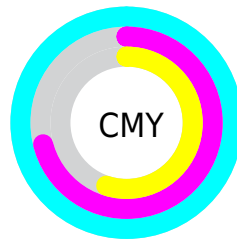
- Red (0%)
- Green (29%)
- Blue (45%)



- Red (0%)
- Yellow (18%)
- Blue (45%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (71%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.0399, -3.8240, -23.0427 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 25.0399, -3.8240, -23.0427 by changing the saturation by 10% instead.

■ 25.0399, -3.8240,
-23.0427

■ 25.0399, -3.8240,
-23.0427

■ 127.0644,
-11.1158, -26.7822

■ 17.3495, -3.1144,
-22.6011

■ 42.9990, -5.2919,
-24.1597

■ 10.6629, -2.4114,
-22.5787

■ 53.1195, -6.0570,
-24.6926

■ 0.9648, -1.6885,
-148.2042

■ 63.9289, -6.8442,
-25.1780

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 75.3859, -7.6539,
-25.6094

0.0000, NaN, NaN

■ 87.4558, -8.4861,
-25.9848

0.0000, NaN, NaN

■ 100.1088, -9.3407,

0.0000, NaN, NaN

-26.3044

0.0000, NaN, NaN

113.3192,
-10.2173, -26.5697

25.0399, -3.8240,
-23.0427

25.0399, -3.8240,
-23.0427

25.0388, -3.8222,
-23.0453

26.2767, -4.9845,
-20.4935

27.5806, -5.9294,
-17.9764

28.9887, -6.5209,
-15.4255

30.4985, -6.7659,
-12.8572

32.1058, -6.6822,
-10.2868

■ 33.8051, -6.2933,
-7.7271

■ 35.5907, -5.6254,
-5.1879

■ 37.4568, -4.7051,
-2.6758

■ 39.3977, -3.5579,
-0.1949

Harmonies

Analogous

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



25.0403, -11.7038, -16.8516



25.0399, -3.8240, -23.0427



25.0403, 6.0024, -20.9981

Triad

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



25.0403, -3.8236, -23.0422



25.0403, 18.1807, 7.1165



25.0403, -14.3132, 9.9326

Complementary

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



25.0399, -3.8240, -23.0427



22.7231, 21.7397, 14.3814

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.



25.0403, -7.9185, 12.7904



25.0399, -3.8240, -23.0427



25.0403, 11.0493, 11.6442

Square

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



25.0403, -3.8236, -23.0422



25.0403, 19.7161, -1.1717



25.0403, 1.2497, 13.2701



25.0403, -17.1356, 3.6577

Rectangle

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



25.0399, -3.8240, -23.0427



25.0403, 12.2941, -15.4946



25.0403, 1.2497, 13.2701



25.0403, -12.5606, 11.2100

Sweetspot

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



25.0403, -3.8236, -23.0422



47.4309, -7.6122, -7.2130



35.2191, -28.7587, 18.0623



22.7718, -3.8787, -4.0767



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



25.0403, -3.8236, -23.0422



33.1259, -4.5177, -31.6520



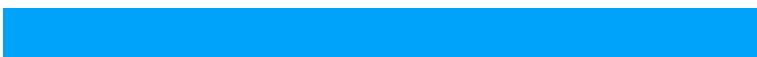
13.0755, 22.5854, -65.0948



19.8772, -1.7275, 0.0176



26.6951, -3.9669, -24.8031



57.5146, -6.5153, -57.8235

Inverse Universe

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



20.3793, 37.3892, -6.1544



27.2228, 49.8670, -7.5808



34.6132, -2.6174, 21.2820



19.3322, 1.0254, 0.2146



21.7793, 39.9449, -6.4471



47.9049, 87.5561, -11.8158

Previews

White Background



This preview shows how the HunterLab color 25.0399, -3.8240, -23.0427 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 25.0399, -3.8240, -23.0427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

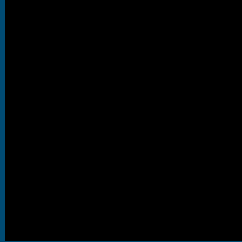
Any Text WCAG AA × Fail

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 25.0399, -3.8240, -23.0427 Background



This preview shows how black text looks on a background with the HunterLab color 25.0399, -3.8240, -23.0427.



This preview shows how white text looks on a background with the HunterLab color 25.0399, -3.8240, -23.0427.

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

25.0399, -3.8240, -23.0427

Protanopia

25.1930, 2.9270, -19.1425

Deuteranopia

25.1056, 1.8842, -23.5182



Tritanopia

24.9957, -12.0663, -5.1948

Trichromacy



Original Color

25.0399, -3.8240, -23.0427

Protanomaly

24.8589, -0.6386, -21.2544

Deuteranomaly

24.7842, -0.5292, -24.2645

Tritanomaly

25.0865, -9.4933, -10.8625

Monochromacy



Original Color

25.0399, -3.8240, -23.0427

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

21.4288, -4.7129, -6.8208

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.0399, -3.8240, -23.0427 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, 75, 115)` looks like.

```
.text, #text, p{  
    color:rgb(0, 75, 115)  
}
```

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, 75, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 75, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 25.0399, -3.8240, -23.0427 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, 75, 115) }
```


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

```
.border{ border-color:rgb(0, 75, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 75, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 75, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 75, 115);  
box-shadow:4px 4px 4px 4px rgb(0, 75, 115)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 25.0399, -3.8240, -23.0427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 75, 115) }
```

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

```
.background{ background-color: rgb(0, 75,  
115) }
```

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