

Converting Colors

HunterLab(40.3751, 12.6682,
-78.3833)

Have a look what the booklet for
HunterLab(40.3751, 12.6682,
-78.3833) contains.

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Color

**HunterLab(40.3969, 12.9205,
-78.3842)**

Conversions

Conversions Part 1

Format	Color
Hex	006DE0
RGB	0, 109, 224
RGB Percent	0%, 43%, 88%
CMY	0.9998, 0.5725, 0.1216
CMYK	1.00, 0.51, 0.00, 0.12
HSL	211°, 100%, 44%
HSV	211°, 100%, 88%
XYZ	18.9232, 16.3191, 72.6736
YIQ	89.5190, -101.8790, 12.6570

Conversions

Conversions Part 2

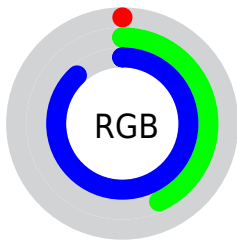
Format	Color
RYB	0, 73, 224
Decimal	28128
CIELab	47.39, 18.73, -65.49
CIELCh	47, 68.115, 285.958
Yxy	16.3195, 0.1754, 0.1512
Android (android.graphics.Color)	4278218208 (0xFF006DE0)
YUV	89.5190, 66.2991, -78.5082
Hunter-Lab	40.3969, 12.9205, -78.3842

Details

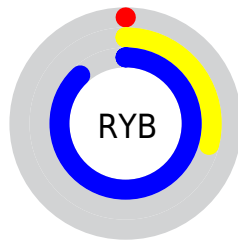
The HunterLab color **40.3969, 12.9205, -78.3842** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **53.0304, 31.3290, 33.2237**, and the grayscale version is **31.5947, -1.6858, 1.7166**.

A 20% lighter version of the original color is **59.4177, 5.1591, -57.7011**, and **25.2630, 18.2886, -71.0562** is the 20% darker color. If you saturate the color by 10%, you get **40.3892, 12.9365, -78.4092**, and if you desaturate by 10%, it is **43.7172, 7.4950, -68.5728**.

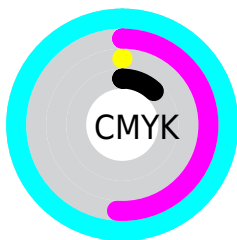
Distribution



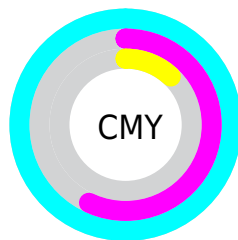
- Red (0%)
- Green (43%)
- Blue (88%)



- Red (0%)
- Yellow (29%)
- Blue (88%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (57%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3969, 12.9205, -78.3842 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 40.3969, 12.9205, -78.3842 by changing the saturation by 10% instead.

■ 40.3969, 12.9205, -78.3842

■ 40.3969, 12.9205, -78.3842

152.0591, 14.4258, -84.1973

■ 31.2258, 12.3458, -79.1919

■ 60.9524, 13.7639, -78.6623

■ 22.8776, 11.6432, -81.4016

■ 72.2387, 14.0541, -79.2513

■ 15.4438, 10.7911, -86.5651

■ 84.1466, 14.2693, -79.9804

■ 9.0456, 9.8077, -99.3761

■ 96.6452, 14.4165, -80.7880

0.0000, INF, -NF

0.0000, NaN, -NF

■ 109.7079, 14.5014, -81.6350

0.0000, NaN, -NF

123.3112, 14.5286,

0.0000, NaN, -NF

-82.4959

0.0000, NaN, NaN

137.4344, 14.5023,
-83.3539

■ 40.3969, 12.9205,
-78.3842

■ 40.3969, 12.9205,
-78.3842

■ 40.3892, 12.9365,
-78.4092

■ 43.7172, 7.4950,
-68.5728

■ 47.3716, 2.9465,
-59.0224

■ 51.3638, -0.6219,
-49.7647

■ 55.6643, -3.2591,
-40.8719

■ 60.2416, -5.0514,
-32.3753

■ 65.0660, -6.0971,
-24.2745

■ 70.1110, -6.4927,
-16.5487

■ 75.3531, -6.3261,
-9.1669

■ 80.7724, -5.6743,
-2.0932

Harmonies

Analogous

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



40.3974, -13.8575, -79.4656



40.3969, 12.9205, -78.3842



40.3974, 41.6839, -48.5051

Triad

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



40.3974, 12.9221, -78.3832



40.3974, 40.0078, 23.8914



40.3974, -40.8268, 12.3310

Complementary

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



40.3969, 12.9205, -78.3842



53.0304, 31.3290, 33.2237

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.



40.3974, -32.7945, 23.5308



40.3969, 12.9205, -78.3842



40.3974, 11.0467, 26.6660

Square

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



40.3974, 12.9221, -78.3832



40.3974, 59.8798, 13.4385



40.3974, -15.3058, 26.5991



40.3974, -40.5712, -13.6343

Rectangle

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



40.3969, 12.9205, -78.3842



40.3974, 56.1180, -23.1370



40.3974, -15.3058, 26.5991



40.3974, -39.1197, 17.4471

Sweetspot

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



40.3974, 12.9221, -78.3832



81.0618, -7.5171, -19.3794



73.8123, -57.6315, 32.1537



36.3424, -3.4240, -10.7022

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.3974, 12.9221, -78.3832



46.5275, 15.5009, -91.6173



23.2023, 62.9154, -164.8083



37.8662, -2.6288, -0.8067



31.1829, 9.1247, -58.6734



9.2347, 0.4753, -12.5687

Inverse Universe

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



41.1737, 73.1850, 5.8184



47.6619, 84.6782, 7.1094



83.1620, -22.3362, 50.8518



37.1633, 2.1296, 0.9918



31.4478, 55.9711, 3.9199



8.3878, 15.1293, -0.5104

Previews

White Background



This preview shows how the HunterLab color 40.3969, 12.9205, -78.3842 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 40.3969, 12.9205, -78.3842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

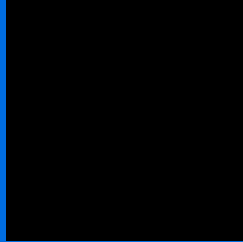
Any Text WCAG AA × Fail

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 40.3969, 12.9205, -78.3842 Background



This preview shows how black text looks on a background with the HunterLab color 40.3969, 12.9205, -78.3842.



This preview shows how white text looks on a background with the HunterLab color 40.3969, 12.9205, -78.3842.

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

40.3969, 12.9205, -78.3842

Protanopia

40.5314, 14.5491, -76.8924

Deuteranopia

40.4784, 1.6573, -54.1721



Tritanopia

40.1014, -19.5560, -7.9074

Trichromacy



Original Color

40.3969, 12.9205, -78.3842

Protanomaly

40.2927, 13.8154, -77.6572

Deuteranomaly

40.4528, 5.5017, -62.4392

Tritanomaly

39.8877, -9.8896, -28.5072

Monochromacy



Original Color

40.3969, 12.9205, -78.3842

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

33.5907, -2.3373, -22.4564

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3969, 12.9205, -78.3842 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, 109, 224)` looks like.

```
.text, #text, p{  
    color:rgb(0, 109, 224)  
}
```

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, 109, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 109, 224) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3969, 12.9205, -78.3842 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, 109, 224) }
```


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

```
.border{ border-color:rgb(0, 109, 224) }
```

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

Here you see how a box with a 4 pixel rgb(0, 109, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 109, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 109, 224);  
box-shadow:4px 4px 4px 4px rgb(0, 109,  
224) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.3969, 12.9205, -78.3842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 109, 224) }
```

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

```
.background{ background-color: rgb(0, 109,  
224) }
```

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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