

Converting Colors

HunterLab(41.4437, 12.2124,
-78.1642)

Have a look what the booklet for
HunterLab(41.4437, 12.2124,
-78.1642) contains.

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Color

**HunterLab(41.3937, 12.3368,
-78.3702)**

Conversions

Conversions Part 1

Format	Color
Hex	0070E3
RGB	0, 112, 227
RGB Percent	0%, 44%, 89%
CMY	0.9998, 0.5608, 0.1098
CMYK	1.00, 0.51, 0.00, 0.11
HSL	210°, 100%, 45%
HSV	210°, 100%, 89%
XYZ	19.6593, 17.1344, 74.9442
YIQ	91.6220, -103.6670, 12.0210

Conversions

Conversions Part 2

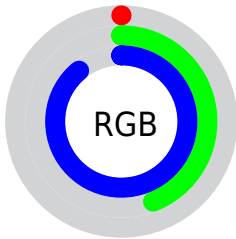
Format	Color
RYB	0, 75, 227
Decimal	28899
CIELab	48.43, 17.99, -65.50
CIELCh	48, 67.926, 285.356
Yxy	17.1348, 0.1759, 0.1533
Android (android.graphics.Color)	4278218979 (0xFF0070E3)
YUV	91.6220, 66.7414, -80.3525
Hunter-Lab	41.3937, 12.3368, -78.3702

Details

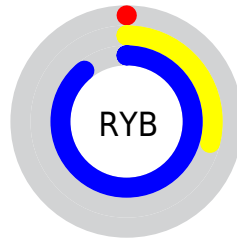
The HunterLab color **41.3937, 12.3368, -78.3702** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **53.4845, 32.6114, 33.5260**, and the grayscale version is **32.3694, -1.7272, 1.7587**.

A 20% lighter version of the original color is **60.3470, 3.7545, -55.6993**, and **26.1471, 17.7240, -70.9426** is the 20% darker color. If you saturate the color by 10%, you get **41.3860, 12.3527, -78.3948**, and if you desaturate by 10%, it is **44.7398, 6.9206, -68.6187**.

Distribution



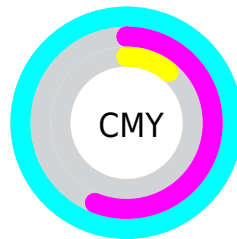
- Red (0%)
- Green (44%)
- Blue (89%)



- Red (0%)
- Yellow (29%)
- Blue (89%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (56%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.3937, 12.3368, -78.3702 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 41.3937, 12.3368, -78.3702 by changing the saturation by 10% instead.

■ 41.3937, 12.3368,
-78.3702

■ 41.3937, 12.3368,
-78.3702

■ 153.6060, 13.4988,
-84.3029

■ 32.1414, 11.8122,
-79.0795

■ 62.0946, 13.0897,
-78.7336

■ 23.7039, 11.1637,
-81.0963

■ 73.4470, 13.3386,
-79.3408

■ 16.1699, 10.3699,
-85.8293

■ 85.4177, 13.5146,
-80.0804

■ 9.6646, 9.4039,
-97.3118

■ 97.9760, 13.6245,
-80.8935

0.0000, INF, -NF

0.0000, NaN, -NF

■ 111.0959, 13.6736,
-81.7430

0.0000, NaN, -NF

124.7541, 13.6665,

0.0000, NaN, -NF

-82.6044

0.0000, NaN, NaN

138.9302, 13.6072,
-83.4614

■ 41.3937, 12.3368,
-78.3702

■ 41.3937, 12.3368,
-78.3702

■ 41.3860, 12.3527,
-78.3948

■ 44.7398, 6.9206,
-68.6187

■ 48.4191, 2.3893,
-59.1125

■ 52.4364, -1.1539,
-49.8812

■ 56.7634, -3.7564,
-40.9967

■ 61.3693, -5.5035,
-32.4921

■ 66.2247, -6.4932,
-24.3699

■ 71.3030, -6.8220,
-16.6124

■ 76.5812, -6.5782,
-9.1908

■ 82.0389, -5.8396,
-2.0718

Harmonies

Analogous

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



41.3942, -14.4500, -78.7678



41.3937, 12.3368, -78.3702



41.3942, 41.2037, -49.1153

Triad

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



41.3942, 12.3384, -78.3691



41.3942, 40.5811, 24.1576



41.3942, -41.2009, 12.8293

Complementary

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



41.3937, 12.3368, -78.3702



53.4845, 32.6114, 33.5260

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.



41.3942, -32.8648, 24.0189



41.3937, 12.3368, -78.3702



41.3942, 11.6394, 27.1558

Square

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



41.3942, 12.3384, -78.3691



41.3942, 60.1231, 13.2460



41.3942, -14.9924, 27.1294



41.3942, -41.1043, -12.9436

Rectangle

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



41.3937, 12.3368, -78.3702



41.3942, 55.8115, -23.8425



41.3942, -14.9924, 27.1294



41.3942, -39.4080, 17.9251

Sweetspot

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



41.3942, 12.3384, -78.3691



81.2258, -7.7828, -19.1434



74.9287, -58.5126, 32.6603



36.4287, -3.5637, -10.5733

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.3942, 12.3384, -78.3691



46.9957, 14.5474, -90.1443



23.5536, 63.8685, -167.3048



38.8012, -2.7288, -0.8079



31.9714, 8.7015, -58.7454



9.7004, 0.4783, -13.1572

Inverse Universe

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



41.8355, 74.4331, 5.3570



47.7082, 84.8473, 6.4441



84.4213, -22.6745, 51.6219



38.0604, 2.2041, 0.9816



31.9837, 56.9785, 3.5719



8.8015, 15.8780, -0.5537

Previews

White Background



This preview shows how the HunterLab color 41.3937, 12.3368, -78.3702 looks on a white background.

Color Contrast Check

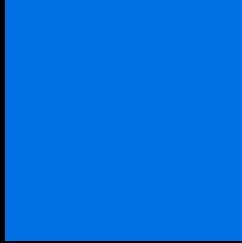
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.3937, 12.3368, -78.3702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

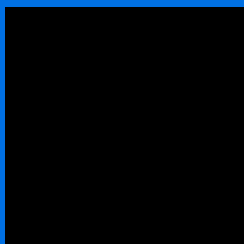
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

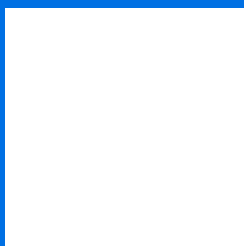
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 41.3937, 12.3368, -78.3702 Background



This preview shows how black text looks on a background with the HunterLab color 41.3937, 12.3368, -78.3702.



This preview shows how white text looks on a background with the HunterLab color 41.3937, 12.3368, -78.3702.

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

41.3937, 12.3368, -78.3702

Protanopia

41.5901, 14.0417, -75.6765

Deuteranopia

41.2727, 1.9047, -55.6991



Tritanopia

41.1437, -20.1024, -8.0306

Trichromacy



Original Color

41.3937, 12.3368, -78.3702

Protanomaly

41.3435, 13.4109, -77.4739

Deuteranomaly

41.2492, 5.7688, -64.0110

Tritanomaly

40.9221, -10.4270, -28.6403

Monochromacy



Original Color

41.3937, 12.3368, -78.3702

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

34.3170, -2.4576, -22.4342

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.3937, 12.3368, -78.3702 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, 112, 227)` looks like.

```
.text, #text, p{  
    color:rgb(0, 112, 227)  
}
```

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, 112, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 112, 227) }
```

Border

The CSS property to change the border of an element to HunterLab 41.3937, 12.3368, -78.3702 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, 112, 227) }
```


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

```
.border{ border-color:rgb(0, 112, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 112, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 112, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 112, 227);  
box-shadow:4px 4px 4px 4px rgb(0, 112,  
227) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.3937, 12.3368, -78.3702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 112, 227) }
```

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

```
.background{ background-color: rgb(0, 112,  
227) }
```

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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