

Converting Colors

HunterLab(38.5148, -7.9538,
-71.4527)

Have a look what the booklet for
HunterLab(38.5148, -7.9538,
-71.4527) contains.

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Color

**HunterLab(42.0238, 3.9187,
-60.9854)**

Conversions

Conversions Part 1

Format	Color
Hex	0076D3
RGB	0, 118, 211
RGB Percent	0%, 46%, 83%
CMY	0.9998, 0.5373, 0.1725
CMYK	1.00, 0.44, 0.00, 0.17
HSL	206°, 100%, 41%
HSV	206°, 100%, 83%
XYZ	18.2363, 17.6600, 64.0755
YIQ	93.3200, -100.1810, 3.9070

Conversions

Conversions Part 2

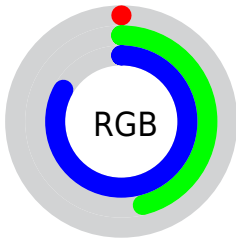
Format	Color
RYB	0, 76, 211
Decimal	30419
CIELab	49.08, 7.86, -55.39
CIELCh	49, 55.946, 278.079
Yxy	17.6605, 0.1824, 0.1767
Android (android.graphics.Color)	4278220499 (0xFF0076D3)
YUV	93.3200, 58.0162, -81.8416
Hunter-Lab	42.0238, 3.9187, -60.9854

Details

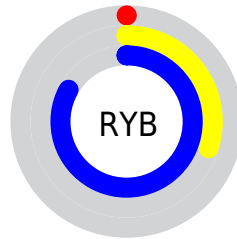
The HunterLab color **42.0238, 3.9187, -60.9854** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **46.5689, 36.4974, 29.3326**, and the grayscale version is **33.0277, -1.7623, 1.7945**.

A 20% lighter version of the original color is **62.1923, -0.6892, -51.8823**, and **26.2807, 10.0701, -54.5872** is the 20% darker color. If you saturate the color by 10%, you get **42.0178, 3.9298, -61.0019**, and if you desaturate by 10%, it is **44.8568, -0.1109, -53.8194**.

Distribution



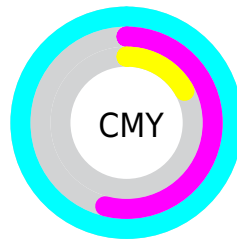
- Red (0%)
- Green (46%)
- Blue (83%)



- Red (0%)
- Yellow (30%)
- Blue (83%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (54%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.0238, 3.9187, -60.9854 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 42.0238, 3.9187, -60.9854 by changing the saturation by 10% instead.

■ 42.0238, 3.9187,
-60.9854

■ 42.0238, 3.9187,
-60.9854

■ 154.5802, 1.1069,
-67.3389

■ 32.7208, 3.9521,
-60.9286

■ 62.8156, 3.6473,
-62.0459

■ 24.2278, 3.9000,
-61.6084

■ 74.2093, 3.4223,
-62.7776

■ 16.6316, 3.7459,
-63.8499

■ 86.2192, 3.1454,
-63.5560

■ 10.0542, 3.4618,
-69.9804

■ 98.8149, 2.8209,
-64.3481

0.0000, INF, -NF

0.0000, NaN, -NF

■ 111.9705, 2.4521,
-65.1331

0.0000, NaN, -NF

125.6631, 2.0420,

0.0000, NaN, -NF

-65.8983

0.0000, NaN, NaN

139.8724, 1.5929,
-66.6353

■ 42.0238, 3.9187,
-60.9854

■ 42.0238, 3.9187,
-60.9854

■ 42.0178, 3.9298,
-61.0019

■ 44.8568, -0.1109,
-53.8194

■ 47.9374, -3.4133,
-46.7443

■ 51.2842, -5.8826,
-39.7509

■ 54.8829, -7.5452,
-32.8907

■ 58.7148, -8.4595,
-26.2004

■ 62.7604, -8.6969,
-19.7002

■ 67.0005, -8.3320,
-13.3965

■ 71.4177, -7.4359,
-7.2859

■ 75.9960, -6.0733,
-1.3587

Harmonies

Analogous

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



42.0244, -17.0137, -55.4541



42.0238, 3.9187, -60.9854



42.0244, 27.4328, -43.8310

Triad

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



42.0244, 3.9198, -60.9844



42.0244, 36.8811, 20.4074



42.0244, -34.9478, 14.7920

Complementary

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



42.0238, 3.9187, -60.9854



46.5689, 36.4974, 29.3326

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.



42.0244, -25.4501, 23.3335



42.0238, 3.9187, -60.9854



42.0244, 14.8960, 25.2050

Square

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



42.0244, 3.9198, -60.9844



42.0244, 48.8778, 7.6000



42.0244, -8.0729, 25.8947



42.0244, -36.6883, -3.8241

Rectangle

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



42.0238, 3.9187, -60.9854



42.0244, 40.4368, -25.3222



42.0244, -8.0729, 25.8947



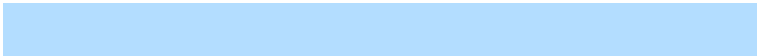
42.0244, -32.6682, 18.5844

Sweetspot

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



42.0244, 3.9198, -60.9844



82.8263, -10.3508, -16.8676



68.8131, -55.0459, 32.8205



37.2719, -4.9128, -9.3317

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.0244, 3.9198, -60.9844



51.7099, 5.5050, -76.5165



22.4068, 55.7241, -148.2908



35.3531, -2.7732, -0.4749



32.9577, 2.4840, -46.5565



8.7412, -1.0140, -8.7368

Inverse Universe

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



38.9334, 70.0269, -0.8849



48.1980, 86.6287, -0.5463



73.3165, -14.3223, 44.9254



34.5215, 2.0571, 0.6269



30.2784, 54.5277, -1.1718



7.2693, 13.2896, -1.8196

Previews

White Background



This preview shows how the HunterLab color 42.0238, 3.9187, -60.9854 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 42.0238, 3.9187, -60.9854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

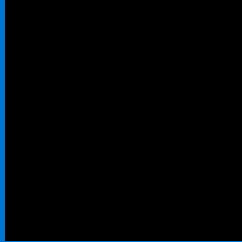
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 42.0238, 3.9187, -60.9854 Background



This preview shows how black text looks on a background with the HunterLab color 42.0238, 3.9187, -60.9854.



This preview shows how white text looks on a background with the HunterLab color 42.0238, 3.9187, -60.9854.

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

42.0238, 3.9187, -60.9854

Protanopia

42.0511, 10.4301, -56.2363

Deuteranopia

41.9643, 3.6010, -60.2252



Tritanopia

41.8754, -20.2644, -8.5955

Trichromacy



Original Color

42.0238, 3.9187, -60.9854

Protanomaly

41.7090, 6.7933, -59.0085

Deuteranomaly

41.9643, 3.6010, -60.2252

Tritanomaly

41.6939, -12.4918, -25.1475

Monochromacy



Original Color

42.0238, 3.9187, -60.9854

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

34.9430, -4.9641, -18.0772

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.0238, 3.9187, -60.9854 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, 118, 211)` looks like.

```
.text, #text, p{  
    color:rgb(0, 118, 211)  
}
```

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, 118, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 118, 211) }
```

Border

The CSS property to change the border of an element to HunterLab 42.0238, 3.9187, -60.9854 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, 118, 211) }
```


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

```
.border{ border-color:rgb(0, 118, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 118, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 118, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 118, 211);  
box-shadow:4px 4px 4px 4px rgb(0, 118,  
211) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.0238, 3.9187, -60.9854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 118, 211) }
```

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

```
.background{ background-color: rgb(0, 118,  
211) }
```

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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