

Converting Colors

HunterLab(38.0932, -1.7716,
-43.7839)

Have a look what the booklet for
HunterLab(38.0932, -1.7716,
-43.7839) contains.

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Color

**HunterLab(38.0094, -1.6424,
-43.9631)**

Conversions

Conversions Part 1

Format	Color
Hex	006EB4
RGB	0, 110, 180
RGB Percent	0%, 43%, 71%
CMY	0.9999, 0.5686, 0.2941
CMYK	1.00, 0.39, 0.00, 0.29
HSL	203°, 100%, 35%
HSV	203°, 100%, 71%
XYZ	13.8141, 14.4471, 45.2405
YIQ	85.0900, -88.0300, -1.5500

Conversions

Conversions Part 2

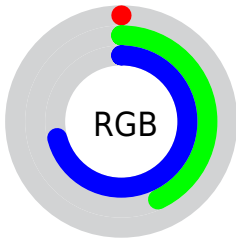
Format	Color
RYB	0, 68, 180
Decimal	28340
CIELab	44.87, 0.53, -44.30
CIELCh	45, 44.299, 270.680
Yxy	14.4476, 0.1879, 0.1966
Android (android.graphics.Color)	4278218420 (0xFF006EB4)
YUV	85.0900, 46.7906, -74.6239
Hunter-Lab	38.0094, -1.6424, -43.9631

Details

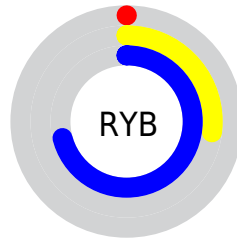
The HunterLab color **38.0094, -1.6424, -43.9631** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **37.5339, 34.2566, 23.7264**, and the grayscale version is **30.0343, -1.6026, 1.6318**.

A 20% lighter version of the original color is **58.1560, -2.6372, -45.1150**, and **22.5551, 4.9122, -38.7960** is the 20% darker color. If you saturate the color by 10%, you get **38.0060, -1.6364, -43.9716**, and if you desaturate by 10%, it is **40.1837, -4.3568, -39.0267**.

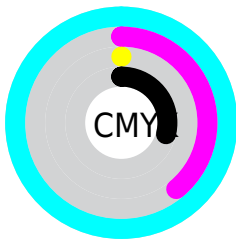
Distribution



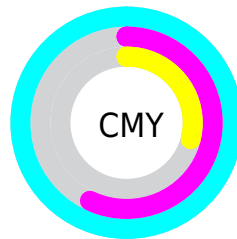
- Red (0%)
- Green (43%)
- Blue (71%)



- Red (0%)
- Yellow (27%)
- Blue (71%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (57%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.0094, -1.6424, -43.9631 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 38.0094, -1.6424, -43.9631 by changing the saturation by 10% instead.

■ 38.0094, -1.6424,
-43.9631

■ 38.0094, -1.6424,
-43.9631

■ 148.3232, -7.3111,
-49.6468

■ 29.0390, -1.1957,
-43.5851

■ 58.2075, -2.6613,
-45.2285

■ 20.9117, -0.7982,
-43.6807

■ 69.3314, -3.2286,
-45.9352

■ 13.7271, -0.4559,
-44.9050

■ 81.0856, -3.8311,
-46.6373

■ 7.3412, -0.0800,
-51.7240

■ 93.4379, -4.4667,
-47.3161

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 106.3605, -5.1339,
-47.9612

0.0000, NaN, -NF

■ 119.8295, -5.8311,

0.0000, NaN, NaN

-48.5665

0.0000, NaN, NaN

133.8234, -6.5572,
-49.1289

■ 38.0094, -1.6424,
-43.9631

■ 38.0094, -1.6424,
-43.9631

■ 38.0060, -1.6364,
-43.9716

■ 40.1837, -4.3568,
-39.0267

■ 42.5290, -6.5367,
-34.1063

■ 45.0715, -8.0701,
-29.1707

■ 47.8048, -8.9700,
-24.2544

■ 50.7185, -9.2729,
-19.3877

■ 53.8004, -9.0275,
-14.5928

■ 57.0379, -8.2868,
-9.8840

■ 60.4187, -7.1033,
-5.2684

■ 63.9313, -5.5263,
-0.7481

Harmonies

Analogous

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



38.0100, -16.7397, -36.2186



38.0094, -1.6424, -43.9631



38.0100, 16.1143, -35.5308

Triad

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



38.0100, -1.6416, -43.9622



38.0100, 30.3398, 14.7544



38.0100, -26.5238, 14.3567

Complementary

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



38.0094, -1.6424, -43.9631



37.5339, 34.2566, 23.7264

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.



38.0100, -17.3027, 20.2654



38.0094, -1.6424, -43.9631



38.0100, 15.3245, 20.4139

Square

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



38.0100, -1.6416, -43.9622



38.0100, 36.4577, 2.4360



38.0100, -2.4171, 21.8708



38.0100, -29.4888, 1.6983

Rectangle

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



38.0094, -1.6424, -43.9631



38.0100, 26.6849, -23.3567



38.0100, -2.4171, 21.8708



38.0100, -24.1435, 16.9618

Sweetspot

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



38.0100, -1.6416, -43.9622



76.5675, -11.2273, -13.6434



57.5091, -46.6442, 28.8121



34.7467, -5.4411, -7.5598



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



38.0100, -1.6416, -43.9622



50.7202, -1.4363, -60.2952



19.5779, 43.3042, -117.9459



30.1088, -2.5377, -0.2113



31.9606, -1.7162, -36.2431



6.5626, -1.6908, -4.5527

Inverse Universe

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



32.9088, 59.7726, -5.2534



44.2583, 80.2985, -6.3218



58.7378, -7.9108, 36.0545



29.3080, 1.7419, 0.3738



27.5160, 50.0258, -4.7290



4.9926, 9.2744, -2.3900

Previews

White Background



This preview shows how the HunterLab color 38.0094, -1.6424, -43.9631 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 38.0094, -1.6424, -43.9631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

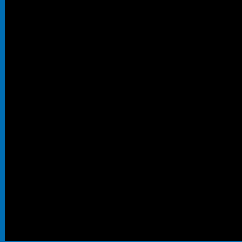
Any Text WCAG AA × Fail

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 38.0094, -1.6424, -43.9631 Background



This preview shows how black text looks on a background with the HunterLab color 38.0094, -1.6424, -43.9631.



This preview shows how white text looks on a background with the HunterLab color 38.0094, -1.6424, -43.9631.

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

38.0094, -1.6424, -43.9631

Protanopia

38.1790, 6.7403, -38.5433

Deuteranopia

38.1515, 3.2444, -44.3721



Tritanopia

38.0305, -18.4707, -7.6619

Trichromacy



Original Color

38.0094, -1.6424, -43.9631

Protanomaly

37.5776, 2.1946, -41.6135

Deuteranomaly

37.9057, 0.9986, -45.0035

Tritanomaly

37.8640, -12.9012, -19.4767

Monochromacy



Original Color

38.0094, -1.6424, -43.9631

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

31.8524, -5.7868, -13.5498

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.0094, -1.6424, -43.9631 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, 110, 180)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 180)  
}
```

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, 110, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 38.0094, -1.6424, -43.9631 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, 110, 180) }
```


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

```
.border{ border-color:rgb(0, 110, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 110, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 180);  
box-shadow:4px 4px 4px 4px rgb(0, 110,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.0094, -1.6424, -43.9631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 110, 180) }
```

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

```
.background{ background-color: rgb(0, 110,  
180) }
```

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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