

Converting Colors

HunterLab(36.2599, -2.2004,
-40.5716)

Have a look what the booklet for
HunterLab(36.2599, -2.2004,
-40.5716) contains.

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Color

**HunterLab(36.3983, -2.3728,
-40.3724)**

Conversions

Conversions Part 1

Format	Color
Hex	006AAB
RGB	0, 106, 171
RGB Percent	0%, 42%, 67%
CMY	0.9999, 0.5843, 0.3294
CMYK	1.00, 0.38, 0.00, 0.33
HSL	203°, 100%, 34%
HSV	203°, 100%, 67%
XYZ	12.5047, 13.2484, 40.4262
YIQ	81.7160, -84.0410, -2.2570

Conversions

Conversions Part 2

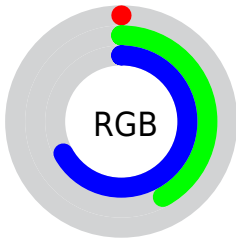
Format	Color
RYB	0, 65, 171
Decimal	27307
CIELab	43.14, -0.59, -41.79
CIELCh	43, 41.793, 269.191
Yxy	13.2488, 0.1890, 0.2002
Android (android.graphics.Color)	4278217387 (0xFF006AAB)
YUV	81.7160, 44.0170, -71.6649
Hunter-Lab	36.3983, -2.3728, -40.3724

Details

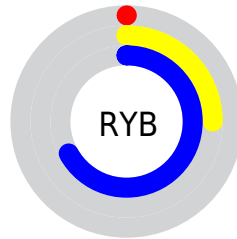
The HunterLab color **36.3983, -2.3728, -40.3724** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **35.2737, 32.8355, 22.3088**, and the grayscale version is **28.8155, -1.5375, 1.5656**.

A 20% lighter version of the original color is **56.3772, -3.5420, -41.7505**, and **21.0617, 4.1106, -35.1989** is the 20% darker color. If you saturate the color by 10%, you get **36.3951, -2.3674, -40.3803**, and if you desaturate by 10%, it is **38.4190, -4.8168, -35.8697**.

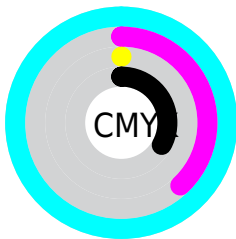
Distribution



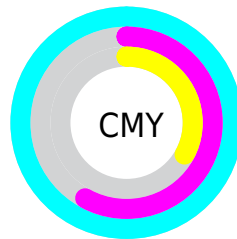
- Red (0%)
- Green (42%)
- Blue (67%)



- Red (0%)
- Yellow (25%)
- Blue (67%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (58%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.3983, -2.3728, -40.3724 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 36.3983, -2.3728, -40.3724 by changing the saturation by 10% instead.

■ 36.3983, -2.3728,
-40.3724

■ 36.3983, -2.3728,
-40.3724

■ 145.7758, -8.4667,
-45.8094

■ 27.5682, -1.8624,
-39.9638

■ 56.3471, -3.5049,
-41.6384

■ 19.5962, -1.3944,
-39.9999

■ 67.3582, -4.1235,
-42.3258

■ 12.5878, -0.9720,
-41.1446

■ 79.0057, -4.7744,
-43.0004

■ 5.8919, -0.7512,
-53.1528

■ 91.2564, -5.4561,
-43.6459

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 104.0821, -6.1673,
-44.2532

0.0000, NaN, NaN

■ 117.4580, -6.9068,

0.0000, NaN, NaN

-44.8176

0.0000, NaN, NaN

131.3624, -7.6736,
-45.3367

■ 36.3983, -2.3728,
-40.3724

■ 36.3983, -2.3728,
-40.3724

■ 36.3951, -2.3674,
-40.3803

■ 38.4190, -4.8168,
-35.8697

■ 40.5941, -6.7731,
-31.3777

■ 42.9512, -8.1285,
-26.8607

■ 45.4851, -8.8938,
-22.3500

■ 48.1865, -9.1020,
-17.8735

■ 51.0446, -8.7973,
-13.4527

■ 54.0480, -8.0280,
-9.1017

■ 57.1855, -6.8425,
-4.8286

■ 60.4468, -5.2863,
-0.6366

Harmonies

Analogous

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



36.3989, -16.2321, -32.5993



36.3983, -2.3728, -40.3724



36.3989, 14.0871, -33.3485

Triad

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



36.3989, -2.3721, -40.3716



36.3989, 28.5509, 13.4446



36.3989, -24.5318, 13.8914

Complementary

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



36.3983, -2.3728, -40.3724



35.2737, 32.8355, 22.3088

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.



36.3989, -15.6059, 19.2570



36.3983, -2.3728, -40.3724



36.3989, 14.9569, 19.0872

Square

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



36.3989, -2.3721, -40.3716



36.3989, 33.6803, 1.5708



36.3989, -1.5141, 20.6499



36.3989, -27.6096, 2.3870

Rectangle

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



36.3983, -2.3728, -40.3724



36.3989, 24.0184, -22.4140



36.3989, -1.5141, 20.6499



36.3989, -22.2001, 16.2586

Sweetspot

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



36.3989, -2.3721, -40.3716



72.1045, -10.8152, -12.4976



54.2974, -44.2199, 27.5932



33.2643, -5.3338, -7.0229



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



36.3989, -2.3721, -40.3716



48.2715, -2.4480, -55.0506



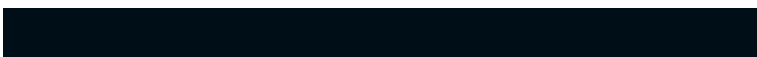
18.8321, 39.5935, -109.0033



29.2450, -2.4923, -0.1733



31.7638, -2.3253, -34.6822



6.1791, -1.7361, -3.9756

Inverse Universe

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



31.1438, 56.6701, -5.7767



41.6252, 75.6584, -7.0084



54.6829, -6.1986, 33.5858



28.4529, 1.6882, 0.3383



27.0584, 49.2755, -5.2838



4.6248, 8.6189, -2.4287

Previews

White Background



This preview shows how the HunterLab color 36.3983, -2.3728, -40.3724 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 36.3983, -2.3728, -40.3724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

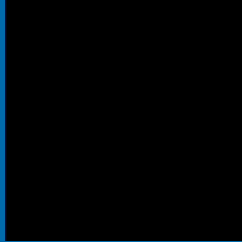
Any Text WCAG AA × Fail

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 36.3983, -2.3728, -40.3724 Background



This preview shows how black text looks on a background with the HunterLab color 36.3983, -2.3728, -40.3724.



This preview shows how white text looks on a background with the HunterLab color 36.3983, -2.3728, -40.3724.

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

36.3983, -2.3728, -40.3724

Protanopia

36.5615, 5.9750, -35.0927

Deuteranopia

36.6185, 2.7620, -40.5817



Tritanopia

36.3190, -17.5741, -7.4582

Trichromacy



Original Color

36.3983, -2.3728, -40.3724

Protanomaly

35.9460, 1.3783, -38.1276

Deuteranomaly

36.3353, 0.3943, -41.2901

Tritanomaly

36.0776, -12.4909, -18.1297

Monochromacy



Original Color

36.3983, -2.3728, -40.3724

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

30.7036, -6.0914, -11.9286

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.3983, -2.3728, -40.3724 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, 106, 171)` looks like.

```
.text, #text, p{  
    color:rgb(0, 106, 171)  
}
```

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, 106, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 106, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 36.3983, -2.3728, -40.3724 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, 106, 171) }
```


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

```
.border{ border-color:rgb(0, 106, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 106, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 106, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 106, 171);  
box-shadow:4px 4px 4px 4px rgb(0, 106,  
171) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.3983, -2.3728, -40.3724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 106, 171) }
```

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

```
.background{ background-color: rgb(0, 106,  
171) }
```

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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