

Converting Colors

HunterLab(37.1373, -4.5602,
-36.5742)

Have a look what the booklet for
HunterLab(37.1373, -4.5602,
-36.5742) contains.

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Color

**HunterLab(37.1004, -4.6093,
-36.4222)**

Conversions

Conversions Part 1

Format	Color
Hex	006DA8
RGB	0, 109, 168
RGB Percent	0%, 43%, 66%
CMY	0.9999, 0.5725, 0.3412
CMYK	1.00, 0.35, 0.00, 0.34
HSL	201°, 100%, 33%
HSV	201°, 100%, 66%
XYZ	12.5365, 13.7644, 39.0418
YIQ	83.1350, -83.9030, -4.7590

Conversions

Conversions Part 2

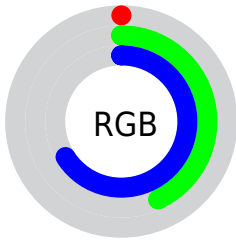
Format	Color
RYB	0, 66, 168
Decimal	28072
CIELab	43.89, -3.64, -38.82
CIELCh	44, 38.992, 264.640
Yxy	13.7648, 0.1919, 0.2107
Android (android.graphics.Color)	4278218152 (0xFF006DA8)
YUV	83.1350, 41.8384, -72.9094
Hunter-Lab	37.1004, -4.6093, -36.4222

Details

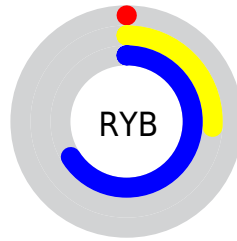
The HunterLab color **37.1004, -4.6093, -36.4222** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **33.8464, 34.1899, 21.4531**, and the grayscale version is **29.3380, -1.5654, 1.5940**.

A 20% lighter version of the original color is **57.1378, -5.8168, -38.0711**, and **21.6404, 1.8634, -31.0711** is the 20% darker color. If you saturate the color by 10%, you get **37.0978, -4.6049, -36.4284**, and if you desaturate by 10%, it is **38.9665, -6.7364, -32.4748**.

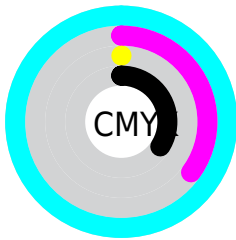
Distribution



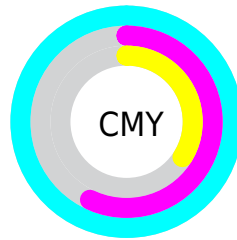
- Red (0%)
- Green (43%)
- Blue (66%)



- Red (0%)
- Yellow (26%)
- Blue (66%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (34%)



- Cyan (100%)
- Magenta (57%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.1004, -4.6093, -36.4222 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 37.1004, -4.6093, -36.4222 by changing the saturation by 10% instead.

■ 37.1004, -4.6093,
-36.4222

■ 37.1004, -4.6093,
-36.4222

146.8887,
-12.0369, -41.4792

■ 28.2087, -3.8976,
-35.9199

■ 57.1587, -6.0978,
-37.7063

■ 20.1684, -3.2061,
-35.7326

■ 68.2193, -6.8774,
-38.3618

■ 13.0823, -2.5284,
-36.3557

■ 79.9136, -7.6803,
-38.9903

■ 6.5655, -2.7683,
-43.4566

■ 92.2088, -8.5065,
-39.5805

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 105.0771, -9.3556,
-40.1264

0.0000, NaN, NaN

■ 118.4938,

0.0000, NaN, NaN

-10.2273, -40.6254

0.0000, NaN, NaN

132.4374,
-11.1212, -41.0763

■ 37.1004, -4.6093,
-36.4222

■ 37.1004, -4.6093,
-36.4222

■ 37.0978, -4.6049,
-36.4284

■ 38.9665, -6.7364,
-32.4748

■ 40.9730, -8.4072,
-28.5073

■ 43.1493, -9.5054,
-24.4817

■ 45.4924, -10.0365,
-20.4253

■ 47.9956, -10.0273,
-16.3646

■ 50.6498, -9.5165,
-12.3221

■ 53.4452, -8.5480,
-8.3144

■ 56.3719, -7.1665,
-4.3531

■ 59.4203, -5.4155,
-0.4450

Harmonies

Analogous

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



37.1010, -17.0867, -27.6201



37.1004, -4.6093, -36.4222



37.1010, 10.6737, -32.0741

Triad

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



37.1010, -4.6087, -36.4214



37.1010, 27.6648, 11.6437



37.1010, -22.4941, 14.5398

Complementary

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



37.1004, -4.6093, -36.4222



33.8464, 34.1899, 21.4531

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.



37.1010, -13.1394, 19.1850



37.1004, -4.6093, -36.4222



37.1010, 16.0090, 18.0318

Square

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



37.1010, -4.6087, -36.4214



37.1010, 30.8993, -0.6056



37.1010, 0.7207, 20.1497



37.1010, -26.3221, 4.4658

Rectangle

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



37.1004, -4.6093, -36.4222



37.1010, 20.2608, -22.9371



37.1010, 0.7207, 20.1497



37.1010, -19.9704, 16.6024

Sweetspot

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



37.1010, -4.6087, -36.4214



71.7765, -11.6044, -11.5052



53.2161, -43.5261, 27.4469



32.7923, -5.6899, -6.3849



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



37.1010, -4.6087, -36.4214



49.5552, -5.5345, -49.9923



18.7943, 37.5888, -104.6291



28.4287, -2.5174, -0.0835



32.3908, -4.2445, -31.3231



5.8807, -1.8893, -3.2718

Inverse Universe

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



30.7077, 56.1782, -8.0296



41.3132, 75.4970, -10.1016



52.8311, -4.8049, 32.4692



27.6065, 1.6589, 0.2391



26.7024, 48.8879, -7.2354



4.2734, 8.0126, -2.6200

Previews

White Background



This preview shows how the HunterLab color 37.1004, -4.6093, -36.4222 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 37.1004, -4.6093, -36.4222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

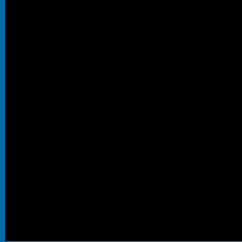
Any Text WCAG AA × Fail

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 37.1004, -4.6093, -36.4222 Background



This preview shows how black text looks on a background with the HunterLab color 37.1004, -4.6093, -36.4222.



This preview shows how white text looks on a background with the HunterLab color 37.1004, -4.6093, -36.4222.

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

37.1004, -4.6093, -36.4222

Protanopia

37.2422, 5.1104, -30.6419

Deuteranopia

37.1779, 2.9321, -36.9011



Tritanopia

37.0021, -17.9319, -7.5396

Trichromacy



Original Color

37.1004, -4.6093, -36.4222

Protanomaly

36.7608, -0.3884, -34.0018

Deuteranomaly

36.9104, -0.8032, -37.5652

Tritanomaly

36.9788, -13.7132, -16.6175

Monochromacy



Original Color

37.1004, -4.6093, -36.4222

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

31.0259, -6.3558, -11.4153

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.1004, -4.6093, -36.4222 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(0, 109, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 109, 168) }
```

Border

The CSS property to change the border of an element to HunterLab 37.1004, -4.6093, -36.4222 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, 168) }
```


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

```
.border{ border-color:rgb(0, 109, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 109, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 109, 168);  
box-shadow:4px 4px 4px 4px rgb(0, 109,  
168) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.1004, -4.6093, -36.4222 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, 168) }
```

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

```
.background{ background-color: rgb(0, 109,  
168) }
```

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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