

Converting Colors

HunterLab(42.8107, -6.1800,
-40.1687)

Have a look what the booklet for
HunterLab(42.8107, -6.1800,
-40.1687) contains.

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Color

HunterLab(42.8268, -6.0969,
-40.3684)

Conversions

Conversions Part 1

Format	Color
Hex	007DBD
RGB	0, 125, 189
RGB Percent	0%, 49%, 74%
CMY	0.9999, 0.5098, 0.2588
CMYK	1.00, 0.34, 0.00, 0.26
HSL	200°, 100%, 37%
HSV	200°, 100%, 74%
XYZ	16.5189, 18.3413, 50.8137
YIQ	94.9210, -95.0440, -6.5960

Conversions

Conversions Part 2

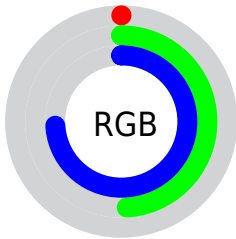
Format	Color
R _{YB}	0, 75, 189
Decimal	32189
CIE _{Lab}	49.91, -5.05, -41.50
CIE _{LCh}	50, 41.805, 263.057
Yxy	18.3419, 0.1928, 0.2141
Android (android.graphics.Color)	4278222269 (0xFF007DBD)
YUV	94.9210, 46.3809, -83.2457
Hunter-Lab	42.8268, -6.0969, -40.3684

Details

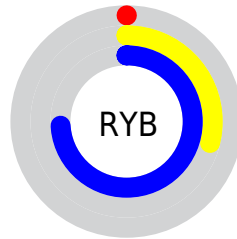
The HunterLab color **42.8268, -6.0969, -40.3684** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **38.0657, 40.4039, 24.1616**, and the grayscale version is **33.6616, -1.7961, 1.8289**.

A 20% lighter version of the original color is **63.6640, -7.4588, -42.0997**, and **26.5651, 0.7284, -34.7764** is the 20% darker color. If you saturate the color by 10%, you get **42.8234, -6.0913, -40.3762**, and if you desaturate by 10%, it is **44.8920, -8.4874, -36.0721**.

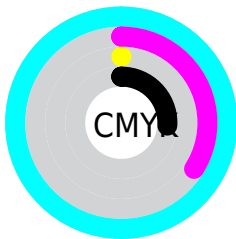
Distribution



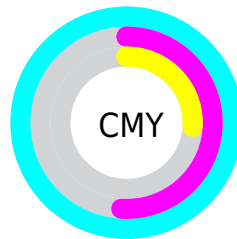
- Red (0%)
- Green (49%)
- Blue (74%)



- Red (0%)
- Yellow (29%)
- Blue (74%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (51%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.8268, -6.0969, -40.3684 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 42.8268, -6.0969, -40.3684 by changing the saturation by 10% instead.

■ 42.8268, -6.0969,
-40.3684

■ 42.8268, -6.0969,
-40.3684

■ 155.8176,
-14.2411, -45.6682

■ 33.4601, -5.2839,
-39.8105

■ 63.7331, -7.7706,
-41.7068

■ 24.8971, -4.4838,
-39.4953

■ 75.1791, -8.6357,
-42.3843

■ 17.2228, -3.6894,
-39.7553

■ 87.2384, -9.5203,
-43.0359

■ 10.5553, -2.8864,
-41.5234

■ 99.8814, -10.4248,
-43.6510

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 113.0822,
-11.3491, -44.2239

0.0000, NaN, -NF

■ 126.8182,

0.0000, NaN, NaN

-12.2934, -44.7517

0.0000, NaN, NaN

141.0694,
-13.2574, -45.2332

■ 42.8268, -6.0969,
-40.3684

■ 42.8268, -6.0969,
-40.3684

■ 42.8234, -6.0913,
-40.3762

■ 44.8920, -8.4874,
-36.0721

■ 47.1209, -10.3392,
-31.7232

■ 49.5429, -11.5350,
-27.2903

■ 52.1560, -12.0764,
-22.8029

■ 54.9534, -11.9911,
-18.2916

■ 57.9256, -11.3215,
-13.7833

■ 61.0616, -10.1172,
-9.2989

■ 64.3504, -8.4296,
-4.8536

■ 67.7812, -6.3085,
-0.4573

Harmonies

Analogous

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



42.8275, -19.9115, -29.9305



42.8268, -6.0969, -40.3684



42.8275, 11.0136, -36.3214

Triad

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



42.8275, -6.0962, -40.3675



42.8275, 31.4038, 12.6429



42.8275, -25.0277, 16.9145

Complementary

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



42.8268, -6.0969, -40.3684



38.0657, 40.4039, 24.1616

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.



42.8275, -14.1404, 21.9762



42.8268, -6.0969, -40.3684



42.8275, 18.7467, 20.2513

Square

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



42.8275, -6.0962, -40.3675



42.8275, 34.4323, -1.5236



42.8275, 1.6592, 22.9064



42.8275, -29.7046, 5.8580

Rectangle

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



42.8268, -6.0969, -40.3684



42.8275, 21.8865, -26.4947



42.8275, 1.6592, 22.9064



42.8275, -22.0610, 19.1708

Sweetspot

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



42.8275, -6.0962, -40.3675



81.5026, -13.6362, -12.7435



60.6258, -49.8706, 31.8816



36.9648, -6.6705, -7.0808



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



42.8275, -6.0962, -40.3675



56.9052, -7.5136, -54.9067



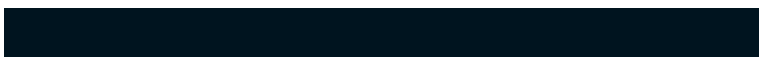
21.6388, 42.0644, -117.8452



32.0162, -2.9012, -0.0861



35.3334, -5.3212, -32.6767



7.7815, -2.2301, -4.9120

Inverse Universe

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



35.0720, 64.2775, -10.0638



46.8841, 85.8459, -12.7694



59.2493, -3.8771, 36.4402



31.0481, 1.9435, 0.1984



28.7924, 52.8182, -8.6072



5.8007, 10.8192, -3.1140

Previews

White Background



This preview shows how the HunterLab color 42.8268, -6.0969, -40.3684 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 42.8268, -6.0969, -40.3684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

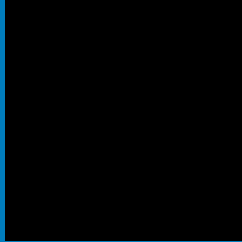
Any Text WCAG AA ✓ Pass

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 42.8268, -6.0969, -40.3684 Background



This preview shows how black text looks on a background with the HunterLab color 42.8268, -6.0969, -40.3684.

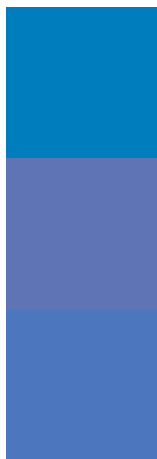


This preview shows how white text looks on a background with the HunterLab color 42.8268, -6.0969, -40.3684.

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

42.8268, -6.0969, -40.3684

Protanopia

42.7316, 5.8622, -34.2224

Deuteranopia

43.0020, 3.5372, -41.4004



Tritanopia

42.9251, -20.8143, -8.7206

Trichromacy



Original Color

42.8268, -6.0969, -40.3684

Protanomaly

41.9702, -0.6702, -38.2107

Deuteranomaly

42.4509, -1.3326, -41.9044

Tritanomaly

42.6253, -15.8757, -19.0068

Monochromacy



Original Color

42.8268, -6.0969, -40.3684

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

35.8521, -8.0742, -12.3958

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.8268, -6.0969, -40.3684 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, 125, 189)` looks like.

```
.text, #text, p{  
    color:rgb(0, 125, 189)  
}
```

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, 125, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 125, 189) }
```

Border

The CSS property to change the border of an element to HunterLab 42.8268, -6.0969, -40.3684 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, 125, 189) }
```


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

```
.border{ border-color:rgb(0, 125, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 125, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 125, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 125, 189);  
box-shadow:4px 4px 4px 4px rgb(0, 125,  
189) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.8268, -6.0969, -40.3684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 125, 189) }
```

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

```
.background{ background-color: rgb(0, 125,  
189) }
```

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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