

Converting Colors

HunterLab(34.4337, -9.0732,
-50.0154)

Have a look what the booklet for
HunterLab(34.4337, -9.0732,
-50.0154) contains.

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Color

**HunterLab(36.6642, -0.9180,
-43.8453)**

Conversions

Conversions Part 1

Format	Color
Hex	006AB0
RGB	0, 106, 176
RGB Percent	0%, 42%, 69%
CMY	0.9999, 0.5843, 0.3098
CMYK	1.00, 0.40, 0.00, 0.31
HSL	204°, 100%, 35%
HSV	204°, 100%, 69%
XYZ	12.9905, 13.4426, 42.9843
YIQ	82.2860, -85.6460, -0.7020

Conversions

Conversions Part 2

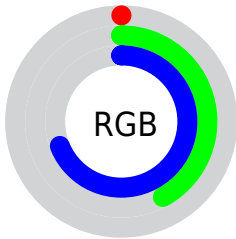
Format	Color
RYB	0, 66, 176
Decimal	27312
CIELab	43.42, 1.42, -44.26
CIELCh	43, 44.286, 271.839
Yxy	13.4430, 0.1871, 0.1937
Android (android.graphics.Color)	4278217392 (0xFF006AB0)
YUV	82.2860, 46.2010, -72.1648
Hunter-Lab	36.6642, -0.9180, -43.8453

Details

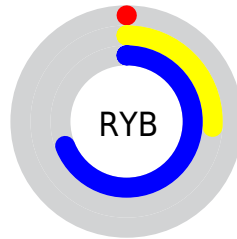
The HunterLab color **36.6642, -0.9180, -43.8453** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **36.8982, 32.6504, 23.3065**, and the grayscale version is **29.0151, -1.5482, 1.5764**.

A 20% lighter version of the original color is **56.7136, -1.8783, -44.8984**, and **21.5912, 5.1310, -38.0634** is the 20% darker color. If you saturate the color by 10%, you get **36.6607, -0.9119, -43.8542**, and if you desaturate by 10%, it is **38.8206, -3.6342, -38.8749**.

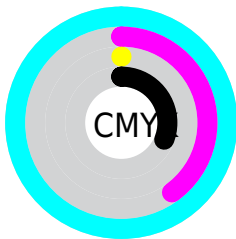
Distribution



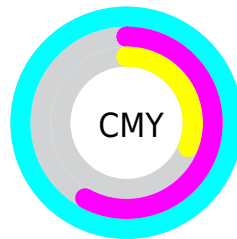
- Red (0%)
- Green (42%)
- Blue (69%)



- Red (0%)
- Yellow (26%)
- Blue (69%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (58%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.6642, -0.9180, -43.8453 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 36.6642, -0.9180, -43.8453 by changing the saturation by 10% instead.

■ 36.6642, -0.9180,
-43.8453

■ 36.6642, -0.9180,
-43.8453

■ 146.1978, -6.1632,
-49.5257

■ 27.8107, -0.5349,
-43.5130

■ 56.6546, -1.8241,
-45.0821

■ 19.8127, -0.2078,
-43.7131

■ 67.6845, -2.3403,
-45.7871

■ 12.7747, 0.0544,
-45.2049

■ 79.3498, -2.8945,
-46.4908

■ 6.1562, 0.6770,
-57.3032

■ 91.6174, -3.4842,
-47.1733

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 104.4593, -4.1075,
-47.8232

0.0000, NaN, NaN

■ 117.8507, -4.7627,

0.0000, NaN, NaN

-48.4339

0.0000, NaN, NaN

131.7699, -5.4483,
-49.0020

■ 36.6642, -0.9180,
-43.8453

■ 36.6642, -0.9180,
-43.8453

■ 36.6607, -0.9119,
-43.8542

■ 38.8206, -3.6342,
-38.8749

■ 41.1458, -5.8277,
-33.9355

■ 43.6657, -7.3872,
-28.9944

■ 46.3732, -8.3275,
-24.0863

■ 49.2574, -8.6861,
-19.2404

■ 52.3058, -8.5119,
-14.4776

■ 55.5057, -7.8574,
-9.8101

■ 58.8451, -6.7745,
-5.2436

■ 62.3125, -5.3114,
-0.7786

Harmonies

Analogous

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



36.6648, -15.9775, -36.6866



36.6642, -0.9180, -43.8453



36.6648, 16.6627, -34.8268

Triad

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



36.6648, -0.9172, -43.8444



36.6648, 29.6761, 14.7761



36.6648, -26.2888, 13.7275

Complementary

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



36.6642, -0.9180, -43.8453



36.8982, 32.6504, 23.3065

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.



36.6648, -17.4742, 19.6679



36.6642, -0.9180, -43.8453



36.6648, 14.5461, 20.0537

Square

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



36.6648, -0.9172, -43.8444



36.6648, 36.1850, 2.9671



36.6648, -2.9879, 21.3285



36.6648, -28.9555, 0.9971

Rectangle

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



36.6642, -0.9180, -43.8453



36.6648, 27.0168, -22.4851



36.6648, -2.9879, 21.3285



36.6648, -24.0355, 16.3464

Sweetspot

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



36.6648, -0.9172, -43.8444



74.5112, -10.6452, -13.5502



56.0912, -45.4805, 28.0725



33.8534, -5.1525, -7.5046



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



36.6648, -0.9172, -43.8444



48.9089, -0.4422, -60.1774



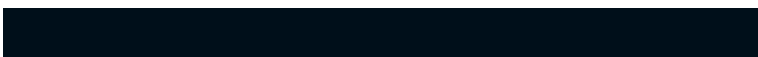
19.1187, 42.1407, -114.8599



30.0879, -2.5036, -0.2365



31.5877, -1.0933, -37.1219



6.5127, -1.6180, -4.6477

Inverse Universe

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



32.0492, 58.1262, -4.4597



43.1060, 78.0909, -5.2503



57.2975, -7.7310, 35.1701



29.3058, 1.7303, 0.4045



27.4725, 49.8688, -4.1178



4.9860, 9.2509, -2.2994

Previews

White Background



This preview shows how the HunterLab color 36.6642, -0.9180, -43.8453 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 36.6642, -0.9180, -43.8453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

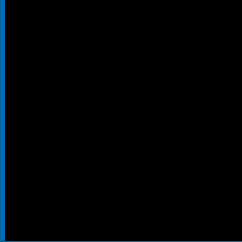
Any Text WCAG AA × Fail

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 36.6642, -0.9180, -43.8453 Background



This preview shows how black text looks on a background with the HunterLab color 36.6642, -0.9180, -43.8453.



This preview shows how white text looks on a background with the HunterLab color 36.6642, -0.9180,

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

36.6642, -0.9180, -43.8453

Protanopia

36.6512, 6.7737, -38.8180

Deuteranopia

36.9227, 2.9141, -43.9901



Tritanopia

36.6603, -17.7529, -7.4988

Trichromacy



Original Color

36.6642, -0.9180, -43.8453

Protanomaly

36.1416, 2.5606, -41.7129

Deuteranomaly

36.7950, 1.0714, -44.3329

Tritanomaly

36.4991, -12.1957, -19.2938

Monochromacy



Original Color

36.6642, -0.9180, -43.8453

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

30.7785, -5.6707, -12.9626

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.6642, -0.9180, -43.8453 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(0, 106, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 106, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 36.6642, -0.9180, -43.8453 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, 176) }
```


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

```
.border{ border-color:rgb(0, 106, 176) }
```

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, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 106, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 106, 176);  
box-shadow:4px 4px 4px 4px rgb(0, 106,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.6642, -0.9180, -43.8453 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, 176) }
```

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

```
.background{ background-color: rgb(0, 106,  
176) }
```

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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