

Converting Colors

HunterLab(33.5652, -18.6285,
-45.7036)

Have a look what the booklet for
HunterLab(33.5652, -18.6285,
-45.7036) contains.

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Color

HunterLab(37.4385, -4.7880,
-36.4589)

Conversions

Conversions Part 1

Format	Color
Hex	006EA9
RGB	0, 110, 169
RGB Percent	0%, 43%, 66%
CMY	0.9999, 0.5686, 0.3373
CMYK	1.00, 0.35, 0.00, 0.34
HSL	201°, 100%, 33%
HSV	201°, 100%, 66%
XYZ	12.7373, 14.0164, 39.5702
YIQ	83.8360, -84.4990, -4.9710

Conversions

Conversions Part 2

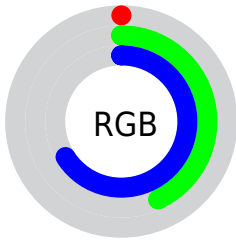
Format	Color
RYB	0, 67, 169
Decimal	28329
CIELab	44.26, -3.86, -38.83
CIELCh	44, 39.025, 264.328
Yxy	14.0169, 0.1921, 0.2113
Android (android.graphics.Color)	4278218409 (0xFF006EA9)
YUV	83.8360, 41.9859, -73.5242
Hunter-Lab	37.4385, -4.7880, -36.4589

Details

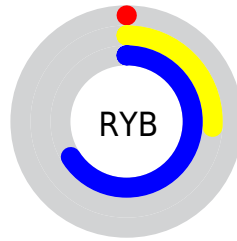
The HunterLab color **37.4385, -4.7880, -36.4589** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **34.0091, 34.5808, 21.5601**, and the grayscale version is **29.5929, -1.5790, 1.6078**.

A 20% lighter version of the original color is **57.4890, -6.0437, -38.1472**, and **21.9453, 1.6947, -31.0882** is the 20% darker color. If you saturate the color by 10%, you get **37.4357, -4.7834, -36.4654**, and if you desaturate by 10%, it is **39.3082, -6.9153, -32.5171**.

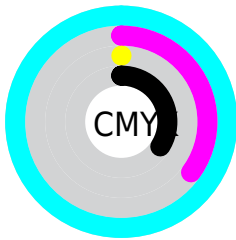
Distribution



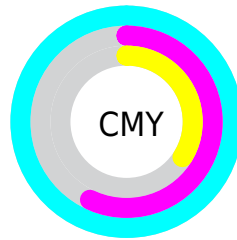
- Red (0%)
- Green (43%)
- Blue (66%)



- 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 37.4385, -4.7880, -36.4589 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 37.4385, -4.7880, -36.4589 by changing the saturation by 10% instead.

■ 37.4385, -4.7880,
-36.4589

■ 37.4385, -4.7880,
-36.4589

147.4231,
-12.3156, -41.5100

■ 28.5173, -4.0615,
-35.9499

■ 57.5491, -6.3030,
-37.7459

■ 20.4445, -3.3537,
-35.7461

■ 68.6333, -7.0945,
-38.4009

■ 13.3215, -2.6578,
-36.3245

■ 80.3500, -7.9089,
-39.0283

■ 6.8650, -2.8146,
-42.3645

■ 92.6665, -8.7459,
-39.6172

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 105.5551, -9.6054,
-40.1617

0.0000, NaN, NaN

■ 118.9913,

0.0000, NaN, NaN

-10.4871, -40.6591

0.0000, NaN, NaN

132.9537,
-11.3906, -41.1086

■ 37.4385, -4.7880,
-36.4589

■ 37.4385, -4.7880,
-36.4589

■ 37.4357, -4.7834,
-36.4654

■ 39.3082, -6.9153,
-32.5171

■ 41.3189, -8.5831,
-28.5520

■ 43.5002, -9.6751,
-24.5262

■ 45.8492, -10.1963,
-20.4666

■ 48.3592, -10.1734,
-16.4002

■ 51.0213, -9.6449,
-12.3495

■ 53.8256, -8.6549,
-8.3316

■ 56.7622, -7.2483,
-4.3583

■ 59.8216, -5.4688,
-0.4368

Harmonies

Analogous

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



37.4391, -17.2756, -27.5266



37.4385, -4.7880, -36.4589



37.4391, 10.5407, -32.2433

Triad

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



37.4391, -4.7874, -36.4581



37.4391, 27.8240, 11.6116



37.4391, -22.5355, 14.6955

Complementary

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



37.4385, -4.7880, -36.4589



34.0091, 34.5808, 21.5601

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.



37.4391, -13.0798, 19.3303



37.4385, -4.7880, -36.4589



37.4391, 16.2020, 18.0989

Square

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



37.4391, -4.7874, -36.4581



37.4391, 30.9638, -0.7549



37.4391, 0.8721, 20.2723



37.4391, -26.4433, 4.6309

Rectangle

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



37.4385, -4.7880, -36.4589



37.4391, 20.1812, -23.1496



37.4391, 0.8721, 20.2723



37.4391, -19.9794, 16.7549

Sweetspot

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



37.4391, -4.7874, -36.4581



71.8194, -11.6711, -11.4467



53.5400, -43.9826, 28.0275



32.8151, -5.7249, -6.3531



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.



37.4391, -4.7874, -36.4581



49.6922, -5.7540, -49.6898



19.2470, 36.6319, -103.1291



28.4332, -2.5249, -0.0780



32.4773, -4.3812, -31.1359



5.8900, -1.9023, -3.2555

Inverse Universe

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



30.9218, 56.5896, -8.2415



41.3298, 75.5568, -10.3336



52.3807, -3.5298, 32.2140



27.6070, 1.6615, 0.2323



26.7130, 48.9260, -7.3831



4.2747, 8.0172, -2.6376

Previews

White Background



This preview shows how the HunterLab color 37.4385, -4.7880, -36.4589 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 37.4385, -4.7880, -36.4589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

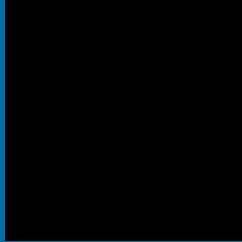
Any Text WCAG AA × Fail

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 37.4385, -4.7880, -36.4589 Background



This preview shows how black text looks on a background with the HunterLab color 37.4385, -4.7880, -36.4589.



This preview shows how white text looks on a background with the HunterLab color 37.4385, -4.7880, -36.4589.

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

37.4385, -4.7880, -36.4589

Protanopia

37.3502, 5.5600, -31.1491

Deuteranopia

37.5439, 2.8650, -36.8735



Tritanopia

37.3444, -18.1112, -7.5803

Trichromacy



Original Color

37.4385, -4.7880, -36.4589

Protanomaly

36.8465, 0.0042, -34.5752

Deuteranomaly

37.2681, -0.9048, -37.5539

Tritanomaly

37.3203, -13.8898, -16.6631

Monochromacy



Original Color

37.4385, -4.7880, -36.4589

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

31.3423, -6.5706, -11.4847

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4385, -4.7880, -36.4589 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 169) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4385, -4.7880, -36.4589 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, 169) }
```


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

```
.border{ border-color:rgb(0, 110, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 169);  
box-shadow:4px 4px 4px 4px rgb(0, 110,  
169) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4385, -4.7880, -36.4589 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, 169) }
```

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

```
.background{ background-color: rgb(0, 110,  
169) }
```

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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