

Converting Colors

HunterLab(37.4956, 16.6936,
-82.9029)

Have a look what the booklet for
HunterLab(37.4956, 16.6936,
-82.9029) contains.

HunterLab(37.4675, 16.6036, -82.6735)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(37.4675, 16.6036,
-82.6735)**

Conversions

Conversions Part 1

Format	Color
Hex	0063DB
RGB	0, 99, 219
RGB Percent	0%, 39%, 86%
CMY	0.9998, 0.6118, 0.1412
CMYK	1.00, 0.55, 0.00, 0.14
HSL	213°, 100%, 43%
HSV	213°, 100%, 86%
XYZ	17.2480, 14.0381, 68.8183
YIQ	83.0790, -97.5240, 16.3320

Conversions

Conversions Part 2

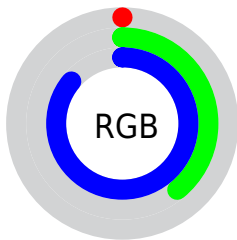
Format	Color
R _{YB}	0, 68, 219
Decimal	25563
CIE _{Lab}	44.29, 23.22, -67.69
CIE _{LCh}	44, 71.564, 288.932
Yxy	14.0385, 0.1723, 0.1402
Android (android.graphics.Color)	4278215643 (0xFF0063DB)
YUV	83.0790, 67.0091, -72.8603
Hunter-Lab	37.4675, 16.6036, -82.6735

Details

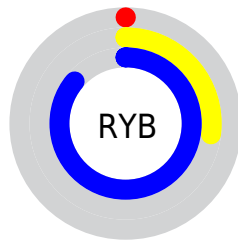
The HunterLab color **37.4675, 16.6036, -82.6735** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **53.3914, 26.7106, 33.3654**, and the grayscale version is **29.2350, -1.5599, 1.5884**.

A 20% lighter version of the original color is **56.2125, 10.8349, -64.9597**, and **22.9841, 21.3644, -74.8477** is the 20% darker color. If you saturate the color by 10%, you get **37.4600, 16.6201, -82.6998**, and if you desaturate by 10%, it is **40.8093, 10.8185, -72.0316**.

Distribution



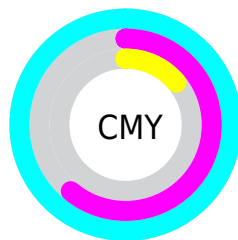
- Red (0%)
- Green (39%)
- Blue (86%)



- Red (0%)
- Yellow (27%)
- Blue (86%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (61%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4675, 16.6036, -82.6735 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 37.4675, 16.6036, -82.6735 by changing the saturation by 10% instead.

■ 37.4675, 16.6036,
-82.6735

■ 37.4675, 16.6036,
-82.6735

■ 147.4686, 20.0013,
-87.7738

■ 28.5437, 15.7635,
-84.0714

■ 57.5824, 17.9361,
-82.4149

■ 20.4681, 14.7808,
-87.3924

■ 68.6686, 18.4526,
-82.8860

■ 13.3420, 13.6395,
-94.9486

■ 80.3872, 18.8839,
-83.5485

■ 6.8899, 14.6418,
-121.9397

■ 92.7055, 19.2380,
-84.3233

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 105.5958, 19.5216,
-85.1606

0.0000, NaN, -NF

119.0337, 19.7403,

0.0000, NaN, -NF

-86.0280

0.0000, NaN, NaN

132.9977, 19.8989,
-86.9039

■ 37.4675, 16.6036,
-82.6735

■ 37.4675, 16.6036,
-82.6735

■ 37.4600, 16.6201,
-82.6998

■ 40.8093, 10.8185,
-72.0316

■ 44.5130, 5.9220,
-61.7337

■ 48.5743, 2.0200,
-51.8360

■ 52.9561, -0.9437,
-42.4191

■ 57.6215, -3.0647,
-33.5062

■ 62.5370, -4.4492,
-25.0813

■ 67.6735, -5.1990,
-17.1068

■ 73.0061, -5.4052,
-9.5356

■ 78.5140, -5.1464,
-2.3190

Harmonies

Analogous

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



37.4679, -11.5600, -87.5790



37.4675, 16.6036, -82.6735



37.4679, 46.3831, -47.8646

Triad

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



37.4679, 16.6053, -82.6725



37.4679, 39.1196, 23.5368



37.4679, -40.8672, 10.4188

Complementary

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



37.4675, 16.6036, -82.6735



53.3914, 26.7106, 33.3654

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.



37.4679, -33.9439, 22.2536



37.4675, 16.6036, -82.6735



37.4679, 8.6237, 25.5498

Square

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



37.4679, 16.6053, -82.6725



37.4679, 61.7401, 14.8971



37.4679, -17.5630, 25.2688



37.4679, -39.8613, -18.0591

Rectangle

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



37.4675, 16.6036, -82.6735



37.4679, 60.6787, -20.7314



37.4679, -17.5630, 25.2688



37.4679, -39.4932, 15.9207

Sweetspot

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



37.4679, 16.6053, -82.6725



80.2302, -6.1613, -20.5854



72.0721, -55.4590, 29.6389



35.9049, -2.7108, -11.3619

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.4679, 16.6053, -82.6725



44.1995, 20.4149, -99.3155



22.7225, 61.4075, -159.7944



36.8531, -2.3942, -0.9059



29.2114, 12.0139, -62.4463



8.5053, 0.9533, -12.6887

Inverse Universe

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



39.9527, 70.6673, 8.3381



47.4377, 83.8593, 10.3367



80.3842, -24.3192, 49.1055



36.2614, 2.0103, 1.1215



30.7980, 54.5454, 5.9252



7.9481, 14.2806, -0.0521

Previews

White Background



This preview shows how the HunterLab color 37.4675, 16.6036, -82.6735 looks on a white background.

Color Contrast Check

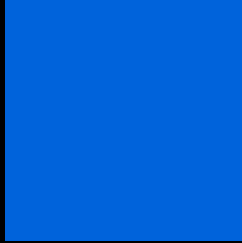
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.4675, 16.6036, -82.6735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

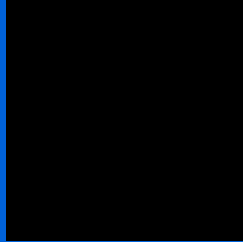
Any Text WCAG AA × Fail

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 37.4675, 16.6036, -82.6735 Background



This preview shows how black text looks on a background with the HunterLab color 37.4675, 16.6036, -82.6735.



This preview shows how white text looks on a background with the HunterLab color 37.4675, 16.6036, -82.6735.

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

37.4675, 16.6036, -82.6735

Protanopia

37.3756, 14.3242, -77.6380

Deuteranopia

37.3846, 0.9902, -48.8650



Tritanopia

37.3106, -18.3106, -7.1077

Trichromacy



Original Color

37.4675, 16.6036, -82.6735

Protanomaly

37.5129, 15.0153, -79.3016

Deuteranomaly

37.3254, 6.5502, -60.7935

Tritanomaly

36.9059, -7.7673, -29.3619

Monochromacy



Original Color

37.4675, 16.6036, -82.6735

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

30.9315, -1.0073, -22.8015

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4675, 16.6036, -82.6735 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, 99, 219)` looks like.

```
.text, #text, p{  
    color:rgb(0, 99, 219)  
}
```

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, 99, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 99, 219) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4675, 16.6036, -82.6735 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, 99, 219) }
```


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

```
.border{ border-color:rgb(0, 99, 219) }
```

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

Here you see how a box with a 4 pixel rgb(0, 99, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 99, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 99, 219);  
box-shadow:4px 4px 4px 4px rgb(0, 99, 219)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.4675, 16.6036, -82.6735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 99, 219) }
```

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

```
.background{ background-color: rgb(0, 99,  
219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor