

Converting Colors

HunterLab(37.3941, 15.6383,
-80.4979)

Have a look what the booklet for
HunterLab(37.3941, 15.6383,
-80.4979) contains.

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Color

**HunterLab(37.3275, 15.9049,
-80.9902)**

Conversions

Conversions Part 1

Format	Color
Hex	0063D9
RGB	0, 99, 217
RGB Percent	0%, 39%, 85%
CMY	0.9998, 0.6118, 0.1490
CMYK	1.00, 0.54, 0.00, 0.15
HSL	213°, 100%, 43%
HSV	213°, 100%, 85%
XYZ	16.9862, 13.9334, 67.4397
YIQ	82.8510, -96.8820, 15.7100

Conversions

Conversions Part 2

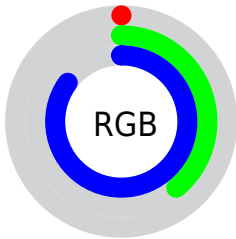
Format	Color
RYB	0, 68, 217
Decimal	25561
CIELab	44.14, 22.43, -66.80
CIELCh	44, 70.462, 288.559
Yxy	13.9338, 0.1727, 0.1417
Android (android.graphics.Color)	4278215641 (0xFF0063D9)
YUV	82.8510, 66.1355, -72.6603
Hunter-Lab	37.3275, 15.9049, -80.9902

Details

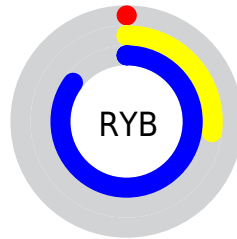
The HunterLab color **37.3275, 15.9049, -80.9902** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **52.6512, 26.8593, 32.9119**, and the grayscale version is **29.1550, -1.5556, 1.5840**.

A 20% lighter version of the original color is **56.2125, 10.8349, -64.9597**, and **22.8288, 20.6645, -73.1427** is the 20% darker color. If you saturate the color by 10%, you get **37.3201, 15.9210, -81.0157**, and if you desaturate by 10%, it is **40.6244, 10.2510, -70.5960**.

Distribution



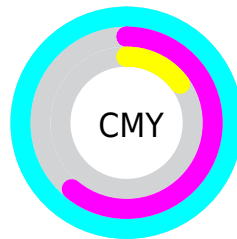
- Red (0%)
- Green (39%)
- Blue (85%)



- Red (0%)
- Yellow (27%)
- Blue (85%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (61%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.3275, 15.9049, -80.9902 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 37.3275, 15.9049, -80.9902 by changing the saturation by 10% instead.

■ 37.3275, 15.9049,
-80.9902

■ 37.3275, 15.9049,
-80.9902

■ 147.2475, 19.0174,
-86.1964

■ 28.4159, 15.1021,
-82.3032

■ 57.4208, 17.1663,
-80.8181

■ 20.3537, 14.1574,
-85.4843

■ 68.4973, 17.6491,
-81.3095

■ 13.2428, 13.0533,
-92.7950

■ 80.2066, 18.0478,
-81.9834

■ 6.7681, 14.2886,
-120.0043

■ 92.5161, 18.3705,
-82.7630

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 105.3980, 18.6236,
-83.6005

0.0000, NaN, -NF

118.8278, 18.8128,

0.0000, NaN, -NF

-84.4646

0.0000, NaN, NaN

132.7840, 18.9428,
-85.3345

■ 37.3275, 15.9049,
-80.9902

■ 37.3275, 15.9049,
-80.9902

■ 37.3201, 15.9210,
-81.0157

■ 40.6244, 10.2510,
-70.5960

■ 44.2736, 5.4703,
-60.5343

■ 48.2724, 1.6676,
-50.8545

■ 52.5852, -1.2120,
-41.6345

■ 57.1764, -3.2616,
-32.8978

■ 62.0135, -4.5849,
-24.6307

■ 67.0682, -5.2814,
-16.7981

■ 72.3161, -5.4404,
-9.3557

■ 77.7368, -5.1390,
-2.2572

Harmonies

Analogous

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



37.3279, -11.6959, -85.3135



37.3275, 15.9049, -80.9902



37.3279, 45.1457, -47.3014

Triad

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



37.3279, 15.9066, -80.9892



37.3279, 38.7060, 23.2846



37.3279, -40.3238, 10.5226

Complementary

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



37.3275, 15.9049, -80.9902



52.6512, 26.8593, 32.9119

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.



37.3279, -33.3553, 22.1154



37.3275, 15.9049, -80.9902



37.3279, 8.8132, 25.3480

Square

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



37.3279, 15.9066, -80.9892



37.3279, 60.6657, 14.5300



37.3279, -17.0499, 25.0966



37.3279, -39.4203, -17.2302

Rectangle

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



37.3275, 15.9049, -80.9902



37.3279, 59.2653, -20.7577



37.3279, -17.0499, 25.0966



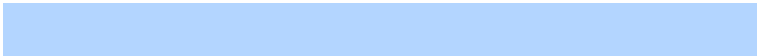
37.3279, -38.9275, 15.8989

Sweetspot

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



37.3279, 15.9066, -80.9892



80.3302, -6.3252, -20.4396



71.3314, -54.8827, 29.3206



35.9575, -2.7970, -11.2820

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.3279, 15.9066, -80.9892



44.4752, 19.8170, -98.3693



22.4899, 60.7764, -158.1401



36.8655, -2.4147, -0.8907



29.3886, 11.6384, -61.8573



8.5463, 0.8786, -12.5787

Inverse Universe

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



39.5649, 70.0253, 7.9162



47.4637, 83.9544, 9.9615



79.5574, -24.0675, 48.6004



36.2627, 2.0172, 1.1034



30.8150, 54.6076, 5.6802



7.9525, 14.2966, -0.1151

Previews

White Background



This preview shows how the HunterLab color 37.3275, 15.9049, -80.9902 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 37.3275, 15.9049, -80.9902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

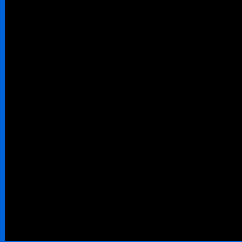
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

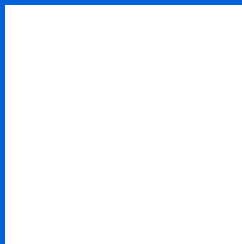
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 37.3275, 15.9049, -80.9902 Background



This preview shows how black text looks on a background with the HunterLab color 37.3275, 15.9049, -80.9902.



This preview shows how white text looks on a background with the HunterLab color 37.3275, 15.9049, -80.9902.

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

37.3275, 15.9049, -80.9902

Protanopia

37.3074, 13.9800, -76.8097

Deuteranopia

37.3287, 0.6880, -48.1427



Tritanopia

37.3106, -18.3106, -7.1077

Trichromacy



Original Color

37.3275, 15.9049, -80.9902

Protanomaly

37.3756, 14.3242, -77.6380

Deuteranomaly

37.2032, 5.9076, -59.2535

Tritanomaly

36.8594, -8.0295, -28.7377

Monochromacy



Original Color

37.3275, 15.9049, -80.9902

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 37.3275, 15.9049, -80.9902 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(0, 99, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 99, 217) }
```

Border

The CSS property to change the border of an element to HunterLab 37.3275, 15.9049, -80.9902 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, 217) }
```


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

```
.border{ border-color:rgb(0, 99, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 99, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 99, 217);  
box-shadow:4px 4px 4px 4px rgb(0, 99, 217)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.3275, 15.9049, -80.9902 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, 217) }
```

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

```
.background{ background-color: rgb(0, 99,  
217) }
```

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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