

Converting Colors

HunterLab(31.5067, 18.3234,
-78.9356)

Have a look what the booklet for
HunterLab(31.5067, 18.3234,
-78.9356) contains.

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Color

**HunterLab(31.4172, 18.3481,
-78.8771)**

Conversions

Conversions Part 1

Format	Color
Hex	0051C4
RGB	0, 81, 196
RGB Percent	0%, 32%, 77%
CMY	0.9998, 0.6824, 0.2314
CMYK	1.00, 0.59, 0.00, 0.23
HSL	215°, 100%, 38%
HSV	215°, 100%, 77%
XYZ	12.9063, 9.8704, 53.4496
YIQ	69.8910, -85.1910, 18.5930

Conversions

Conversions Part 2

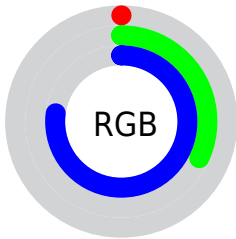
Format	Color
RYB	0, 57, 196
Decimal	20932
CIELab	37.61, 25.92, -65.34
CIELCh	38, 70.296, 291.641
Yxy	9.8706, 0.1693, 0.1295
Android (android.graphics.Color)	4278211012 (0xFF0051C4)
YUV	69.8910, 62.1717, -61.2944
Hunter-Lab	31.4172, 18.3481, -78.8771

Details

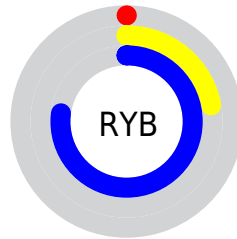
The HunterLab color **31.4172, 18.3481, -78.8771** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **48.9971, 19.5434, 30.5325**, and the grayscale version is **24.5227, -1.3085, 1.3324**.

A 20% lighter version of the original color is **50.7126, 20.0476, -78.0254**, and **18.1915, 22.1405, -70.5327** is the 20% darker color. If you saturate the color by 10%, you get **31.4113, 18.3619, -78.8994**, and if you desaturate by 10%, it is **34.4560, 12.8300, -68.4097**.

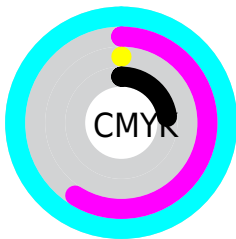
Distribution



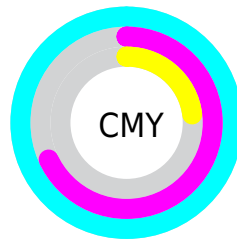
- Red (0%)
- Green (32%)
- Blue (77%)



- Red (0%)
- Yellow (22%)
- Blue (77%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (68%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.4172, 18.3481, -78.8771 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 31.4172, 18.3481, -78.8771 by changing the saturation by 10% instead.

■ 31.4172, 18.3481,
-78.8771

■ 31.4172, 18.3481,
-78.8771

■ 137.7484, 23.2520,
-83.1156

■ 23.0505, 17.2834,
-81.0205

■ 50.5489, 20.0861,
-78.0544

■ 15.5955, 16.0652,
-86.0469

■ 61.1919, 20.7860,
-78.4139

■ 9.1782, 14.7246,
-98.4285

■ 72.4921, 21.3899,
-79.0097

0.0000, INF, -NF

■ 84.4133, 21.9073,
-79.7426

0.0000, NaN, -NF

■ 96.9245, 22.3461,
-80.5518

0.0000, NaN, -NF

■ 109.9991, 22.7129,

0.0000, NaN, NaN

-81.3991

0.0000, NaN, NaN

123.6140, 23.0133,
-82.2592

■ 31.4172, 18.3481,
-78.8771

■ 31.4172, 18.3481,
-78.8771

■ 31.4113, 18.3619,
-78.8994

■ 34.4560, 12.8300,
-68.4097

■ 37.8460, 8.1039,
-58.3538

■ 41.5789, 4.2839,
-48.7752

■ 45.6128, 1.3126,
-39.7555

■ 49.9088, -0.9045,
-31.3037

■ 54.4330, -2.4702,
-23.3868

■ 59.1569, -3.4808,
-15.9512

■ 64.0567, -4.0208,
-8.9376

■ 69.1128, -4.1618,
-2.2882

Harmonies

Analogous

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



31.4175, -8.4420, -87.1644



31.4172, 18.3481, -78.8771



31.4175, 46.2896, -42.6948

Triad

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



31.4175, 18.3498, -78.8763



31.4175, 34.5693, 20.7095



31.4175, -36.7746, 7.7213

Complementary

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



31.4172, 18.3481, -78.8771



48.9971, 19.5434, 30.5325

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.



31.4175, -31.4473, 19.0064



31.4172, 18.3481, -78.8771



31.4175, 5.7115, 21.9923

Square

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



31.4175, 18.3498, -78.8763



31.4175, 57.5302, 14.4369



31.4175, -17.6805, 21.9923



31.4175, -35.3143, -20.5895

Rectangle

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



31.4172, 18.3481, -78.8771



31.4175, 59.1053, -16.6358



31.4175, -17.6805, 21.9923



31.4175, -35.8003, 13.0730

Sweetspot

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



31.4175, 18.3498, -78.8763



79.3028, -4.6336, -21.9478



63.7992, -47.8636, 23.5828



35.4176, -1.9066, -12.1082

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



31.4175, 18.3498, -78.8763



41.7068, 26.0378, -108.3380



20.2482, 54.3471, -139.4944



32.2742, -1.9332, -0.8776



25.4966, 13.9938, -62.0771



6.4544, 0.5854, -9.3311

Inverse Universe

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



35.1153, 61.8211, 9.5765



47.2093, 83.0229, 13.6403



70.1028, -24.6843, 42.7639



31.8518, 1.6557, 1.1424



28.1753, 49.6627, 7.2638



5.9724, 10.7451, -0.1494

Previews

White Background



This preview shows how the HunterLab color 31.4172, 18.3481, -78.8771 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 31.4172, 18.3481, -78.8771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

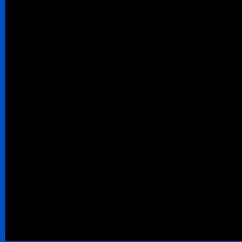
Any Text WCAG AA × Fail

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 31.4172, 18.3481, -78.8771 Background



This preview shows how black text looks on a background with the HunterLab color 31.4172, 18.3481, -78.8771.



This preview shows how white text looks on a background with the HunterLab color 31.4172, 18.3481, -78.8771.

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

31.4172, 18.3481, -78.8771

Protanopia

31.3579, 11.0921, -63.1394

Deuteranopia

31.3827, 0.0106, -39.2485



Tritanopia

31.2007, -15.3186, -5.9298

Trichromacy



Original Color

31.4172, 18.3481, -78.8771

Protanomaly

31.4417, 13.2918, -67.9926

Deuteranomaly

31.1748, 6.5033, -53.0044

Tritanomaly

30.7578, -5.4113, -26.7632

Monochromacy



Original Color

31.4172, 18.3481, -78.8771

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

25.9160, 0.6794, -21.8197

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.4172, 18.3481, -78.8771 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, 81, 196)` looks like.

```
.text, #text, p{  
    color:rgb(0, 81, 196)  
}
```

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, 81, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 81, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 31.4172, 18.3481, -78.8771 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, 81, 196) }
```


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

```
.border{ border-color:rgb(0, 81, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 81, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 81, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 81, 196);  
box-shadow:4px 4px 4px 4px rgb(0, 81, 196)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.4172, 18.3481, -78.8771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 81, 196) }
```

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

```
.background{ background-color: rgb(0, 81,  
196) }
```

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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