

Converting Colors

HunterLab(17.5955, 5.7324,
-173.6797)

Have a look what the booklet for
HunterLab(17.5955, 5.7324,
-173.6797) contains.

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Color

**HunterLab(27.4000, 30.8379,
-100.8178)**

Conversions

Conversions Part 1

Format	Color
Hex	003DC8
RGB	0, 61, 200
RGB Percent	0%, 24%, 78%
CMY	0.9998, 0.7608, 0.2157
CMYK	1.00, 0.70, 0.00, 0.22
HSL	222°, 100%, 39%
HSV	222°, 100%, 78%
XYZ	12.0941, 7.5076, 55.4552
YIQ	58.6070, -80.9750, 30.2970

Conversions

Conversions Part 2

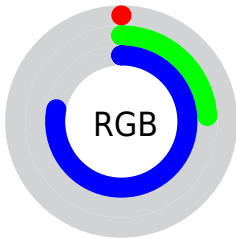
Format	Color
RYB	0, 47, 200
Decimal	15816
CIELab	32.94, 40.56, -75.35
CIELCh	33, 85.570, 298.294
Yxy	7.5077, 0.1611, 0.1000
Android (android.graphics.Color)	4278205896 (0xFF003DC8)
YUV	58.6070, 69.7067, -51.3983
Hunter-Lab	27.4000, 30.8379, -100.8178

Details

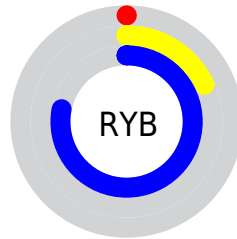
The HunterLab color **27.4000, 30.8379, -100.8178** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **55.4600, 9.3467, 34.3365**, and the grayscale version is **20.5705, -1.0976, 1.1176**.

A 20% lighter version of the original color is **45.5102, 33.2354, -94.6284**, and **15.9519, 32.0728, -89.1745** is the 20% darker color. If you saturate the color by 10%, you get **27.3937, 30.8560, -100.8490**, and if you desaturate by 10%, it is **30.5583, 23.7690, -86.7752**.

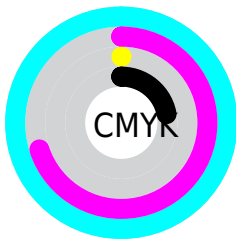
Distribution



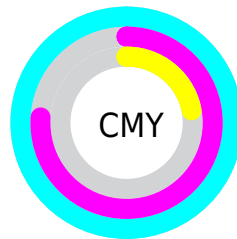
- Red (0%)
- Green (24%)
- Blue (78%)



- Red (0%)
- Yellow (18%)
- Blue (78%)



- Cyan (100%)
- Magenta (70%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (76%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.4000, 30.8379, -100.8178 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 27.4000, 30.8379, -100.8178 by changing the saturation by 10% instead.

■ 27.4000, 30.8379,
-100.8178

■ 27.4000, 30.8379,
-100.8178

■ 131.0794, 41.3137,
-100.4658

■ 19.4463, 29.1282,
-106.4090

■ 45.8122, 33.9237,
-96.9446

■ 12.4585, 27.3883,
-118.5062

■ 56.1338, 35.2820,
-96.6038

■ 5.7010, 33.4451,
-174.2941

■ 67.1318, 36.5261,
-96.7673

0.0000, INF, -NF

■ 78.7669, 37.6646,
-97.2417

0.0000, NaN, -NF

■ 91.0058, 38.7056,
-97.9105

0.0000, NaN, -NF

■ 103.8203, 39.6566,

0.0000, NaN, NaN

-98.7003

0.0000, NaN, NaN

117.1854, 40.5240,
-99.5628

■ 27.4000, 30.8379,
-100.8178

■ 27.4000, 30.8379,
-100.8178

■ 27.3937, 30.8560,
-100.8490

■ 30.5583, 23.7690,
-86.7752

■ 34.2556, 17.4769,
-73.1642

■ 38.4378, 12.2031,
-60.3887

■ 43.0229, 7.9107,
-48.6558

■ 47.9421, 4.4799,
-37.9578

■ 53.1410, 1.7733,
-28.1903

■ 58.5772, -0.3361,
-19.2197

■ 64.2174, -1.9555,
-10.9147

■ 70.0360, -3.1724,
-3.1592

Harmonies

Analogous

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



27.4002, -3.1280, -125.2685



27.4000, 30.8379, -100.8178



27.4002, 65.1925, -44.5505

Triad

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



27.4002, 30.8402, -100.8173



27.4002, 35.0617, 19.1801



27.4002, -38.1828, 3.0462

Complementary

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



27.4000, 30.8379, -100.8178



55.4600, 9.3467, 34.3365

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.



27.4002, -34.8950, 17.3931



27.4000, 30.8379, -100.8178



27.4002, 0.2417, 19.1801

Square

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



27.4002, 30.8402, -100.8173



27.4002, 68.2683, 16.7033



27.4002, -23.4541, 19.1801



27.4002, -35.6043, -38.2467

Rectangle

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



27.4000, 30.8379, -100.8178



27.4002, 78.8575, -11.8296



27.4002, -23.4541, 19.1801



27.4002, -37.7701, 10.3184

Sweetspot

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



27.4002, 30.8402, -100.8173



76.7469, -0.3317, -25.8029



65.6551, -46.5270, 18.3777



34.0776, 0.3617, -14.2272

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



27.4002, 30.8402, -100.8173



35.5401, 42.0493, -135.1943



21.3517, 56.0841, -137.5980



32.8725, -1.5104, -1.2654



22.1616, 23.7097, -78.8825



6.0184, 2.2866, -12.4586

Inverse Universe

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



35.5208, 61.7720, 15.6005



46.6972, 81.1400, 21.1071



70.0938, -31.4228, 42.6403



32.6945, 1.5563, 1.5880



28.3475, 49.3507, 12.0792



6.2736, 11.1246, 1.1019

Previews

White Background



This preview shows how the HunterLab color 27.4000, 30.8379, -100.8178 looks on a white background.

Color Contrast Check

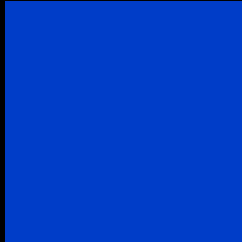
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4000, 30.8379, -100.8178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

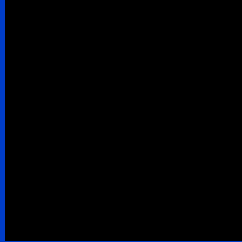
Any Text WCAG AA × Fail

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 27.4000, 30.8379, -100.8178 Background



This preview shows how black text looks on a background with the HunterLab color 27.4000, 30.8379, -100.8178.



This preview shows how white text looks on a background with the HunterLab color 27.4000, 30.8379, -100.8178.

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

27.4000, 30.8379, -100.8178

Protanopia

27.3249, 8.3734, -52.2295

Deuteranopia

27.3103, -0.9188, -32.1522



Tritanopia

27.2230, -13.4384, -5.0168

Trichromacy



Original Color

27.4000, 30.8379, -100.8178

Protanomaly

27.1982, 16.2799, -69.1390

Deuteranomaly

26.8956, 9.7045, -54.5663

Tritanomaly

26.3561, -0.4039, -32.0710

Monochromacy



Original Color

27.4000, 30.8379, -100.8178

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

21.8394, 4.5248, -26.5121

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.4000, 30.8379, -100.8178 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, 61, 200)` looks like.

```
.text, #text, p{  
    color:rgb(0, 61, 200)  
}
```

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, 61, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 61, 200) }
```

Border

The CSS property to change the border of an element to HunterLab 27.4000, 30.8379, -100.8178 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, 61, 200) }
```


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

```
.border{ border-color:rgb(0, 61, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 61, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 61, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 61, 200);  
box-shadow:4px 4px 4px 4px rgb(0, 61, 200)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.4000, 30.8379, -100.8178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 61, 200) }
```

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

```
.background{ background-color: rgb(0, 61,  
200) }
```

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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