

Converting Colors

HunterLab(18.9186, 25.6040,
-78.9184)

Have a look what the booklet for
HunterLab(18.9186, 25.6040,
-78.9184) contains.

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Color

**HunterLab(18.9426, 25.2566,
-78.1983)**

Conversions

Conversions Part 1

Format	Color
Hex	002696
RGB	0, 38, 150
RGB Percent	0%, 15%, 59%
CMY	0.9999, 0.8510, 0.4118
CMYK	1.00, 0.75, 0.00, 0.41
HSL	225°, 100%, 29%
HSV	225°, 100%, 59%
XYZ	6.1981, 3.5882, 29.2200
YIQ	39.4060, -58.6000, 26.7760

Conversions

Conversions Part 2

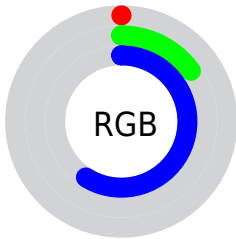
Format	Color
RYB	0, 30, 150
Decimal	9878
CIELab	22.26, 36.34, -63.04
CIELCh	22, 72.762, 299.962
Yxy	3.5883, 0.1589, 0.0920
Android (android.graphics.Color)	4278199958 (0xFF002696)
YUV	39.4060, 54.5228, -34.5591
Hunter-Lab	18.9426, 25.2566, -78.1983

Details

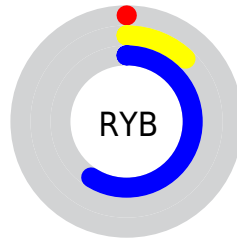
The HunterLab color **18.9426, 25.2566, -78.1983** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **42.5184, 2.7339, 26.2465**, and the grayscale version is **14.2199, -0.7587, 0.7726**.

A 20% lighter version of the original color is **35.4580, 28.3132, -74.2328**, and **9.3906, 25.4721, -66.7245** is the 20% darker color. If you saturate the color by 10%, you get **18.9393, 25.2667, -78.2160**, and if you desaturate by 10%, it is **21.2536, 19.9930, -67.0466**.

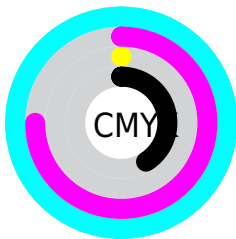
Distribution



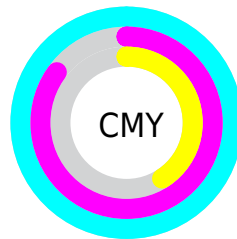
- Red (0%)
- Green (15%)
- Blue (59%)



- Red (0%)
- Yellow (12%)
- Blue (59%)



- Cyan (100%)
- Magenta (75%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (85%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.9426, 25.2566, -78.1983 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 18.9426, 25.2566, -78.1983 by changing the saturation by 10% instead.

■ 18.9426, 25.2566,
-78.1983

■ 18.9426, 25.2566,
-78.1983

■ 116.2662, 35.3009,
-77.8945

■ 12.0251, 23.6052,
-85.2647

■ 35.5940, 28.2917,
-74.1503

■ 5.0027, 32.5610,
-132.7169

■ 45.1408, 29.6150,
-73.9280

0.0000, INF, -NF

■ 55.4151, 30.8155,
-74.1941

0.0000, NaN, -NF

■ 66.3688, 31.9030,
-74.7361

0.0000, NaN, -NF

■ 77.9620, 32.8870,
-75.4351

0.0000, NaN, NaN

■ 90.1611, 33.7765,

0.0000, NaN, NaN

0.0000, NaN, NaN

-76.2209

0.0000, NaN, NaN

102.9375, 34.5789,
-77.0500

18.9426, 25.2566,
-78.1983

18.9426, 25.2566,
-78.1983

18.9393, 25.2667,
-78.2160

21.2536, 19.9930,
-67.0466

23.9841, 15.1718,
-56.2846

27.1000, 11.0656,
-46.2352

30.5291, 7.6644,
-37.0912

34.2135, 4.8824,
-28.8350

■ 38.1088, 2.6170,
-21.3634

■ 42.1813, 0.7732,
-14.5520

■ 46.4053, -0.7284,
-8.2837

■ 50.7610, -1.9520,
-2.4579

Harmonies

Analogous

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



18.9427, -1.0396, -100.4788



18.9426, 25.2566, -78.1983



18.9427, 51.6697, -32.4667

Triad

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



18.9427, 25.2585, -78.1981



18.9427, 25.3304, 13.2599



18.9427, -27.8154, 1.0576

Complementary

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



18.9426, 25.2566, -78.1983



42.5184, 2.7339, 26.2465

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.



18.9427, -25.5675, 12.8314



18.9426, 25.2566, -78.1983



18.9427, -0.9839, 13.2599

Square

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



18.9427, 25.2585, -78.1981



18.9427, 51.7229, 12.8133



18.9427, -17.9192, 13.2599



18.9427, -25.5784, -32.3562

Rectangle

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



18.9426, 25.2566, -78.1983



18.9427, 61.7087, -7.4645



18.9427, -17.9192, 13.2599



18.9427, -27.5592, 6.8150

Sweetspot

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



18.9427, 25.2585, -78.1981



55.7014, 1.1619, -19.8586



47.8945, -32.6762, 10.6763



25.2450, 0.9623, -10.9306



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



18.9427, 25.2585, -78.1981



24.6751, 35.0648, -106.5365



16.0005, 41.1549, -96.3395



24.2023, -0.9653, -0.9529



17.3796, 22.6117, -70.5351



2.8003, 0.4484, -4.4681

Inverse Universe

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



25.7381, 44.6158, 12.4170



34.1544, 59.1415, 17.0234



50.4559, -24.6983, 30.6575



24.1621, 0.9891, 1.3177



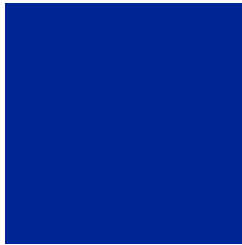
23.4484, 40.6702, 11.1665



2.6736, 4.7903, 0.0866

Previews

White Background



This preview shows how the HunterLab color 18.9426, 25.2566, -78.1983 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 18.9426, 25.2566, -78.1983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

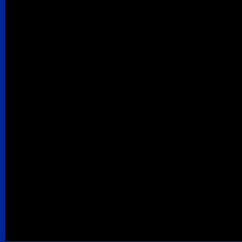
Any Text WCAG AA × Fail

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 18.9426, 25.2566, -78.1983 Background



This preview shows how black text looks on a background with the HunterLab color 18.9426, 25.2566, -78.1983.



This preview shows how white text looks on a background with the HunterLab color 18.9426, 25.2566, -78.1983.

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

18.9426, 25.2566, -78.1983

Protanopia

18.9256, 5.0075, -34.4651

Deuteranopia

19.0696, -1.2229, -21.1955

Trichromacy



Original Color

18.9426, 25.2566, -78.1983

Protanomaly

18.7449, 12.1259, -49.6059

Deuteranomaly

18.4703, 7.6437, -39.5869

Monochromacy



Original Color

18.9426, 25.2566, -78.1983

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.9071, 4.2994, -20.1596

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.9426, 25.2566, -78.1983 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, 38, 150)` looks like.

```
.text, #text, p{  
    color:rgb(0, 38, 150)  
}
```

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, 38, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 38, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 18.9426, 25.2566, -78.1983 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, 38, 150) }
```

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

```
.border{ border-color:rgb(0, 38, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 38, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 38, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 38, 150);  
box-shadow:4px 4px 4px 4px rgb(0, 38, 150)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 18.9426, 25.2566, -78.1983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 38, 150) }
```

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

```
.background{ background-color: rgb(0, 38,  
150) }
```

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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