

Converting Colors

HunterLab(24.7238, 21.1729,
-76.6089)

Have a look what the booklet for
HunterLab(24.7238, 21.1729,
-76.6089) contains.

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Color

**HunterLab(24.6337, 21.4880,
-77.1764)**

Conversions

Conversions Part 1

Format	Color
Hex	003BAB
RGB	0, 59, 171
RGB Percent	0%, 23%, 67%
CMY	0.9999, 0.7686, 0.3294
CMYK	1.00, 0.65, 0.00, 0.33
HSL	219°, 100%, 34%
HSV	219°, 100%, 67%
XYZ	8.9146, 6.0682, 39.2294
YIQ	54.1270, -71.1160, 22.3240

Conversions

Conversions Part 2

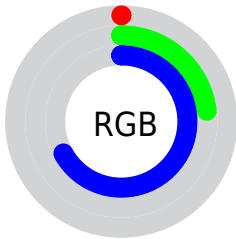
Format	Color
RYB	0, 44, 171
Decimal	15275
CIELab	29.58, 30.69, -63.72
CIELCh	30, 70.728, 295.720
Yxy	6.0683, 0.1644, 0.1119
Android (android.graphics.Color)	4278205355 (0xFF003BAB)
YUV	54.1270, 57.6184, -47.4694
Hunter-Lab	24.6337, 21.4880, -77.1764

Details

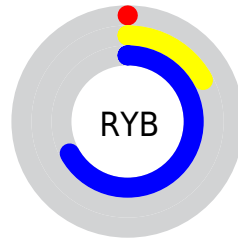
The HunterLab color **24.6337, 21.4880, -77.1764** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **45.0039, 10.8525, 27.9200**, and the grayscale version is **19.0809, -1.0181, 1.0367**.

A 20% lighter version of the original color is **42.5185, 23.5507, -74.7269**, and **13.2291, 23.3155, -66.8667** is the 20% darker color. If you saturate the color by 10%, you get **24.6293, 21.4997, -77.1961**, and if you desaturate by 10%, it is **27.3243, 16.1173, -66.4816**.

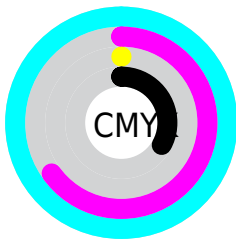
Distribution



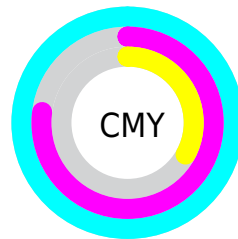
- Red (0%)
- Green (23%)
- Blue (67%)



- Red (0%)
- Yellow (17%)
- Blue (67%)



- Cyan (100%)
- Magenta (65%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (77%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.6337, 21.4880, -77.1764 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 24.6337, 21.4880, -77.1764 by changing the saturation by 10% instead.

■ 24.6337, 21.4880, -77.1764	■ 24.6337, 21.4880, -77.1764
■ 126.3649, 28.8354, -79.6676	■ 16.9902, 20.0918, -81.0339
■ 42.5120, 23.8661, -75.1389	■ 10.3578, 18.5833, -90.4323
■ 52.5968, 24.8626, -75.2692	0.0000, INF, -NF
■ 63.3728, 25.7478, -75.7331	0.0000, NaN, -NF
■ 74.7983, 26.5327, -76.3886	0.0000, NaN, -NF
■ 86.8382, 27.2265, -77.1522	0.0000, NaN, NaN
■ 99.4627, 27.8372,	0.0000, NaN, NaN

-77.9730

0.0000, NaN, NaN

112.6458, 28.3716,
-78.8185

■ 24.6337, 21.4880,
-77.1764

■ 24.6337, 21.4880,
-77.1764

■ 24.6293, 21.4997,
-77.1961

■ 27.3243, 16.1173,
-66.4816

■ 30.3797, 11.4117,
-56.2732

■ 33.7821, 7.5239,
-46.6715

■ 37.4790, 4.4029,
-37.7784

■ 41.4249, 1.9542,
-29.5840

■ 45.5830, 0.0758,
-22.0245

■ 49.9234, -1.3261,
-15.0175

■ 54.4225, -2.3316,
-8.4801

■ 59.0612, -3.0069,
-2.3368

Harmonies

Analogous

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



24.6339, -4.5946, -91.3890



24.6337, 21.4880, -77.1764



24.6339, 48.1698, -37.1697

Triad

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



24.6339, 21.4897, -77.1758



24.6339, 29.6077, 17.2437



24.6339, -32.1002, 4.3349

Complementary

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



24.6337, 21.4880, -77.1764



45.0039, 10.8525, 27.9200

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.



24.6339, -28.6163, 15.3641



24.6337, 21.4880, -77.1764



24.6339, 2.1442, 17.2437

Square

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



24.6339, 21.4897, -77.1758



24.6339, 53.9585, 13.6436



24.6339, -18.0018, 17.2437



24.6339, -30.2162, -25.5149

Rectangle

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



24.6337, 21.4880, -77.1764



24.6339, 59.4553, -11.7743



24.6339, -18.0018, 17.2437



24.6339, -31.5706, 9.7544

Sweetspot

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



24.6339, 21.4897, -77.1758



66.4861, -1.6864, -20.5945



55.0249, -39.7136, 16.9560



30.2633, -0.4608, -11.5065



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



24.6339, 21.4897, -77.1758



32.4134, 30.2039, -105.7154



17.7661, 46.9647, -116.8090



28.6218, -1.4662, -0.9345



21.5934, 18.1291, -66.1255



4.8321, 0.4121, -6.9292

Inverse Universe

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



29.9573, 52.3510, 11.1872



40.0437, 69.8970, 15.6345



59.3111, -24.6345, 36.1150



28.3888, 1.3442, 1.2502



26.0264, 45.5199, 9.4626



4.4600, 8.0268, -0.1330

Previews

White Background



This preview shows how the HunterLab color 24.6337, 21.4880, -77.1764 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 24.6337, 21.4880, -77.1764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

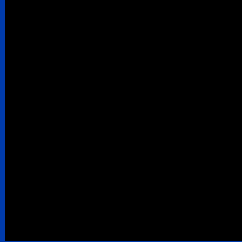
Any Text WCAG AA × Fail

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 24.6337, 21.4880, -77.1764 Background



This preview shows how black text looks on a background with the HunterLab color 24.6337, 21.4880, -77.1764.



This preview shows how white text looks on a background with the HunterLab color 24.6337, 21.4880, -77.1764.

-77.1764.

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

24.6337, 21.4880, -77.1764

Protanopia

24.7334, 7.4160, -46.9237

Deuteranopia

24.5761, -0.6626, -29.2877



Tritanopia

24.6130, -12.2695, -4.2778

Trichromacy



Original Color

24.6337, 21.4880, -77.1764

Protanomaly

24.6587, 12.1525, -57.0549

Deuteranomaly

24.3059, 6.9683, -45.4228

Tritanomaly

23.9194, -2.3783, -24.7631

Monochromacy



Original Color

24.6337, 21.4880, -77.1764

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

20.0786, 2.4811, -20.9793

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.6337, 21.4880, -77.1764 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, 59, 171)` looks like.

```
.text, #text, p{  
    color:rgb(0, 59, 171)  
}
```

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, 59, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 59, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 24.6337, 21.4880, -77.1764 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, 59, 171) }
```


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

```
.border{ border-color:rgb(0, 59, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 59, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 59, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 59, 171);  
box-shadow:4px 4px 4px 4px rgb(0, 59, 171)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.6337, 21.4880, -77.1764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 59, 171) }
```

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

```
.background{ background-color: rgb(0, 59,  
171) }
```

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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