

Converting Colors

HunterLab(24.2269, 20.3962,
-74.3111)

Have a look what the booklet for
HunterLab(24.2269, 20.3962,
-74.3111) contains.

HunterLab(24.1167, 20.6208, -74.6580)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(24.1167, 20.6208,
-74.6580)**

Conversions

Conversions Part 1

Format	Color
Hex	003AA7
RGB	0, 58, 167
RGB Percent	0%, 23%, 65%
CMY	0.9999, 0.7726, 0.3451
CMYK	1.00, 0.65, 0.00, 0.35
HSL	219°, 100%, 33%
HSV	219°, 100%, 65%
XYZ	8.4881, 5.8162, 37.2345
YIQ	53.0840, -69.5570, 21.6030

Conversions

Conversions Part 2

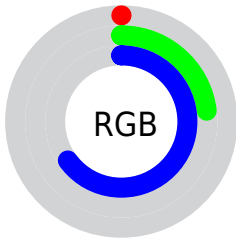
Format	Color
R _Y B	0, 43, 167
Decimal	15015
CIE Lab	28.94, 29.77, -62.37
CIE LCh	29, 69.111, 295.516
Yxy	5.8163, 0.1647, 0.1129
Android (android.graphics.Color)	4278205095 (0xFF003AA7)
YUV	53.0840, 56.1606, -46.5547
Hunter-Lab	24.1167, 20.6208, -74.6580

Details

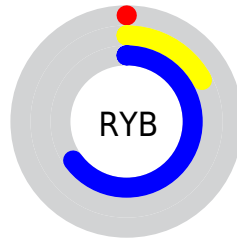
The HunterLab color **24.1167, 20.6208, -74.6580** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **43.7718, 10.7032, 27.1582**, and the grayscale version is **18.7328, -0.9995, 1.0178**.

A 20% lighter version of the original color is **41.9577, 22.6667, -72.3996**, and **12.8356, 22.7841, -65.2276** is the 20% darker color. If you saturate the color by 10%, you get **24.1123, 20.6321, -74.6772**, and if you desaturate by 10%, it is **26.7411, 15.4389, -64.3112**.

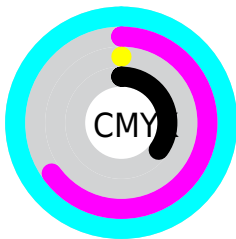
Distribution



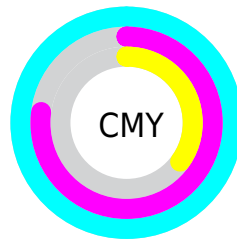
- Red (0%)
- Green (23%)
- Blue (65%)



- Red (0%)
- Yellow (17%)
- Blue (65%)



- Cyan (100%)
- Magenta (65%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (77%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.1167, 20.6208, -74.6580 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 24.1167, 20.6208, -74.6580 by changing the saturation by 10% instead.

 24.1167, 20.6208, -74.6580	 24.1167, 20.6208, -74.6580
 125.4711, 27.6857, -77.3343	 16.5338, 19.2539, -78.4059
 41.8912, 22.9347, -72.7557	 9.9716, 17.7705, -87.7142
 51.9301, 23.8986, -72.9210	0.0000, INF, -NF
 62.6632, 24.7515, -73.4059	0.0000, NaN, -NF
 74.0483, 25.5045, -74.0721	0.0000, NaN, -NF
 86.0498, 26.1670, -74.8388	0.0000, NaN, NaN
 98.6377, 26.7471,	0.0000, NaN, NaN

-75.6570

0.0000, NaN, NaN

111.7858, 27.2514,
-76.4955

■ 24.1167, 20.6208,
-74.6580

■ 24.1167, 20.6208,
-74.6580

■ 24.1123, 20.6321,
-74.6772

■ 26.7411, 15.4389,
-64.3112

■ 29.7138, 10.9001,
-54.4493

■ 33.0203, 7.1535,
-45.1726

■ 36.6103, 4.1482,
-36.5759

■ 40.4406, 1.7930,
-28.6491

■ 44.4757, -0.0107,
-21.3314

■ 48.6871, -1.3529,
-14.5442

■ 53.0519, -2.3109,
-8.2084

■ 57.5519, -2.9484,
-2.2520

Harmonies

Analogous

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



24.1169, -4.6171, -88.0854



24.1167, 20.6208, -74.6580



24.1169, 46.4625, -36.1862

Triad

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



24.1169, 20.6225, -74.6574



24.1169, 28.8500, 16.8818



24.1169, -31.2586, 4.3477

Complementary

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



24.1167, 20.6208, -74.6580



43.7718, 10.7032, 27.1582

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.



24.1169, -27.8100, 15.0299



24.1167, 20.6208, -74.6580



24.1169, 2.2319, 16.8818

Square

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



24.1169, 20.6225, -74.6574



24.1169, 52.3200, 13.2459



24.1169, -17.4011, 16.8818



24.1169, -29.4496, -24.4080

Rectangle

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



24.1167, 20.6208, -74.6580



24.1169, 57.4416, -11.6029



24.1169, -17.4011, 16.8818



24.1169, -30.7281, 9.5803

Sweetspot

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



24.1169, 20.6225, -74.6574



64.8336, -1.7242, -19.9569



53.6027, -38.6726, 16.4863



29.5786, -0.4972, -11.1525



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



24.1169, 20.6225, -74.6574



31.7223, 29.0311, -102.3200



17.3157, 45.7561, -113.7107



27.7681, -1.4309, -0.8892



21.2911, 17.5408, -64.4776



4.5353, 0.1997, -6.0999

Inverse Universe

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



29.1919, 51.0326, 10.7513



39.0191, 68.1321, 15.0527



57.7793, -23.9835, 35.1826



27.5385, 1.2939, 1.2066



25.5513, 44.7048, 9.1660



4.1046, 7.4073, -0.2789

Previews

White Background



This preview shows how the HunterLab color 24.1167, 20.6208, -74.6580 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 24.1167, 20.6208, -74.6580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

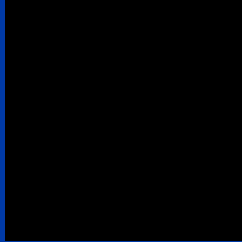
Any Text WCAG AA × Fail

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 24.1167, 20.6208, -74.6580 Background



This preview shows how black text looks on a background with the HunterLab color 24.1167, 20.6208, -74.6580.



This preview shows how white text looks on a background with the HunterLab color 24.1167, 20.6208, -74.6580.

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

24.1167, 20.6208, -74.6580

Protanopia

24.0622, 7.4590, -46.1774

Deuteranopia

24.1628, -1.0409, -27.9544



Tritanopia

23.9751, -11.9343, -4.2040

Trichromacy



Original Color

24.1167, 20.6208, -74.6580

Protanomaly

23.9938, 12.1887, -56.3020

Deuteranomaly

23.8202, 6.2152, -43.1901

Tritanomaly

23.2940, -2.0456, -24.6996

Monochromacy



Original Color

24.1167, 20.6208, -74.6580

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

19.6993, 2.1904, -19.6954

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.1167, 20.6208, -74.6580 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, 58, 167)` looks like.

```
.text, #text, p{  
    color:rgb(0, 58, 167)  
}
```

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, 58, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 58, 167) }
```

Border

The CSS property to change the border of an element to HunterLab 24.1167, 20.6208, -74.6580 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, 58, 167) }
```


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

```
.border{ border-color:rgb(0, 58, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 58, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 58, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 58, 167);  
box-shadow:4px 4px 4px 4px rgb(0, 58, 167)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.1167, 20.6208, -74.6580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 58, 167) }
```

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

```
.background{ background-color: rgb(0, 58,  
167) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor