

Converting Colors

HunterLab(23.0188, 22.8658,
-76.7728)

Have a look what the booklet for
HunterLab(23.0188, 22.8658,
-76.7728) contains.

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Color

**HunterLab(23.0671, 22.9110,
-76.8820)**

Conversions

Conversions Part 1

Format	Color
Hex	0935A5
RGB	9, 53, 165
RGB Percent	4%, 21%, 65%
CMY	0.9646, 0.7922, 0.3529
CMYK	0.95, 0.68, 0.00, 0.35
HSL	223°, 90%, 34%
HSV	223°, 95%, 65%
XYZ	8.1773, 5.3209, 36.1934
YIQ	52.6120, -62.1760, 25.5040

Conversions

Conversions Part 2

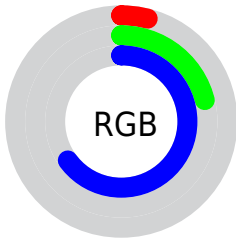
Format	Color
R _Y B	9, 43, 165
Decimal	603557
CIE Lab	27.63, 32.67, -63.32
CIE LCh	28, 71.251, 297.292
Yxy	5.3210, 0.1646, 0.1071
Android (android.graphics.Color)	4278793637 (0xFF0935A5)
YUV	52.6120, 55.4073, -38.2477
Hunter-Lab	23.0671, 22.9110, -76.8820

Details

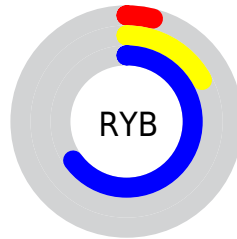
The HunterLab color **23.0671, 22.9110, -76.8820** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **46.5846, 4.3373, 28.4512**, and the grayscale version is **18.5741, -0.9911, 1.0092**.

A 20% lighter version of the original color is **40.5209, 25.6780, -74.6739**, and **12.1817, 23.8383, -66.6861** is the 20% darker color. If you saturate the color by 10%, you get **21.7052, 26.0701, -83.4074**, and if you desaturate by 10%, it is **25.8712, 17.4231, -65.3335**.

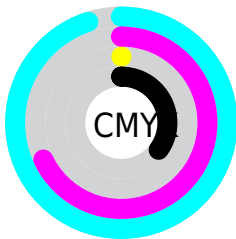
Distribution



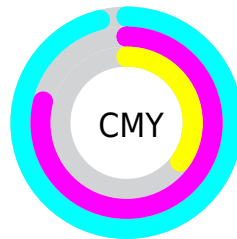
- Red (4%)
- Green (21%)
- Blue (65%)



- Red (4%)
- Yellow (17%)
- Blue (65%)



- Cyan (95%)
- Magenta (68%)
- Yellow (0%)
- Black (35%)



- Cyan (96%)
- Magenta (79%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.0671, 22.9110, -76.8820 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 23.0671, 22.9110, -76.8820 by changing the saturation by 10% instead.

■ 23.0671, 22.9110,
-76.8820

■ 23.0671, 22.9110,
-76.8820

■ 123.6434, 31.1542,
-78.8226

■ 15.6103, 21.4123,
-81.3404

■ 40.6265, 25.5121,
-74.4531

■ 9.1909, 19.8679,
-92.5030

■ 50.5707, 26.6164,
-74.5138

0.0000, INF, -NF

■ 61.2152, 27.6054,
-74.9385

0.0000, NaN, -NF

■ 72.5167, 28.4898,
-75.5712

0.0000, NaN, -NF

■ 84.4391, 29.2792,
-76.3215

0.0000, NaN, -NF

■ 96.9516, 29.9819,

0.0000, NaN, NaN

0.0000, NaN, NaN

-77.1346

0.0000, NaN, NaN

110.0274, 30.6049,
-77.9758

■ 23.0671, 22.9110,
-76.8820

■ 23.0671, 22.9110,
-76.8820

■ 21.7052, 26.0701,
-83.4074

■ 25.8712, 17.4231,
-65.3335

■ 29.1115, 12.7025,
-54.3392

■ 32.7128, 8.7881,
-44.2072

■ 36.6108, 5.6055,
-34.9914

■ 40.7547, 3.0456,
-26.6213

■ 45.1048, 1.0006,
-18.9819

■ 49.6308, -0.6233,
-11.9542

■ 54.3092, -1.9032,
-5.4305

■ 59.1214, -2.9006,
0.6805

Harmonies

Analogous

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



23.0673, -3.2960, -93.6125



23.0671, 22.9110, -76.8820



23.0673, 49.3967, -35.3078

Triad

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



23.0673, 22.9127, -76.8815



23.0673, 28.0603, 16.1471



23.0673, -30.9703, 3.1664

Complementary

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



23.0671, 22.9110, -76.8820



46.5846, 4.3373, 28.4512

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.



23.0673, -27.9967, 14.5050



23.0671, 22.9110, -76.8820



23.0673, 0.9071, 16.1471

Square

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



23.0673, 22.9127, -76.8815



23.0673, 53.1012, 13.4513



23.0673, -18.2902, 16.1471



23.0673, -28.9464, -27.7933

Rectangle

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



23.0671, 22.9110, -76.8820



23.0673, 60.1732, -10.1267



23.0673, -18.2902, 16.1471



23.0673, -30.5628, 8.7591

Sweetspot

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



23.0673, 22.9127, -76.8815



63.9789, -0.0286, -19.6570



53.2395, -36.1463, 12.0968



28.7560, 0.4133, -11.0103



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



23.0673, 22.9127, -76.8815



28.5264, 36.4262, -114.2891



18.4997, 43.6428, -101.9238



26.7769, -1.1594, -1.0196



19.0771, 22.1005, -71.5533



3.9041, 0.6010, -6.1771

Inverse Universe

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



29.0730, 48.9400, 11.9029



38.2839, 66.4252, 18.0496



56.3667, -26.1330, 34.0027



26.6782, 1.1664, 1.3687



24.9229, 43.3229, 11.1305



3.7173, 6.6627, 0.1025

Previews

White Background



This preview shows how the HunterLab color 23.0671, 22.9110, -76.8820 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 23.0671, 22.9110, -76.8820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

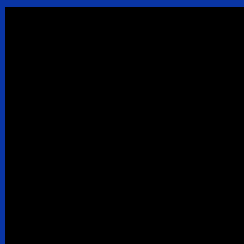
Any Text WCAG AA × Fail

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 23.0671, 22.9110, -76.8820 Background



This preview shows how black text looks on a background with the HunterLab color 23.0671, 22.9110, -76.8820.



This preview shows how white text looks on a background with the HunterLab color 23.0671, 22.9110, -76.8820.

-76.8820.

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

23.0671, 22.9110, -76.8820

Protanopia

22.9095, 6.7442, -43.1938

Deuteranopia

22.8675, -0.6421, -27.1962



Tritanopia

23.0237, -11.4345, -4.0938

Trichromacy



Original Color

23.0671, 22.9110, -76.8820

Protanomaly

22.7851, 12.7110, -55.4436

Deuteranomaly

22.7114, 7.3635, -43.8062

Tritanomaly

22.4052, -1.3974, -24.5047

Monochromacy



Original Color

23.0671, 22.9110, -76.8820

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

19.3589, 3.5245, -20.4421

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.0671, 22.9110, -76.8820 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(9, 53, 165)` looks like.

```
.text, #text, p{  
    color:rgb(9, 53, 165)  
}
```

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(9, 53, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 53, 165) }
```

Border

The CSS property to change the border of an element to HunterLab 23.0671, 22.9110, -76.8820 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(9, 53, 165) }
```


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

```
.border{ border-color:rgb(9, 53, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 53, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 53, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 53, 165);  
box-shadow:4px 4px 4px 4px rgb(9, 53, 165)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.0671, 22.9110, -76.8820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 53, 165) }
```

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

```
.background{ background-color: rgb(9, 53,  
165) }
```

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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