

Converting Colors

HunterLab(23.8298, 22.0878,
-77.4665)

Have a look what the booklet for
HunterLab(23.8298, 22.0878,
-77.4665) contains.

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Color

**HunterLab(23.7813, 22.0482,
-77.3203)**

Conversions

Conversions Part 1

Format	Color
Hex	0038A8
RGB	0, 56, 168
RGB Percent	0%, 22%, 66%
CMY	0.9999, 0.7804, 0.3412
CMYK	1.00, 0.67, 0.00, 0.34
HSL	220°, 100%, 33%
HSV	220°, 100%, 66%
XYZ	8.4821, 5.6555, 37.6904
YIQ	52.0240, -69.3280, 22.9600

Conversions

Conversions Part 2

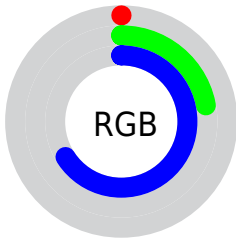
Format	Color
R _Y B	0, 42, 168
Decimal	14504
CIE Lab	28.53, 31.52, -63.66
CIE LCh	29, 71.033, 296.340
Yxy	5.6556, 0.1637, 0.1091
Android (android.graphics.Color)	4278204584 (0xFF0038A8)
YUV	52.0240, 57.1762, -45.6250
Hunter-Lab	23.7813, 22.0482, -77.3203

Details

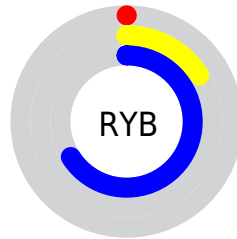
The HunterLab color **23.7813, 22.0482, -77.3203** is a dark color, and the websafe version is hex **003399**, and the color name is **royal azure**. A complement of this color would be **44.6320, 9.6654, 27.6701**, and the grayscale version is **18.3723, -0.9803, 0.9982**.

A 20% lighter version of the original color is **41.6010, 24.2516, -74.4480**, and **12.8012, 23.5430, -66.8228** is the 20% darker color. If you saturate the color by 10%, you get **23.7771, 22.0596, -77.3397**, and if you desaturate by 10%, it is **26.4254, 16.6782, -66.5439**.

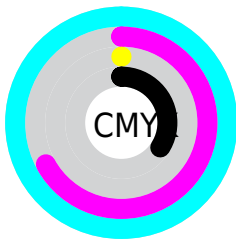
Distribution



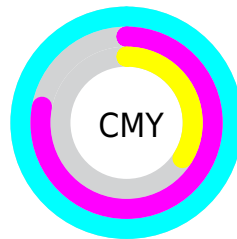
- Red (0%)
- Green (22%)
- Blue (66%)



- Red (0%)
- Yellow (16%)
- Blue (66%)



- Cyan (100%)
- Magenta (67%)
- Yellow (0%)
- Black (34%)



- Cyan (100%)
- Magenta (78%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.7813, 22.0482, -77.3203 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 23.7813, 22.0482, -77.3203 by changing the saturation by 10% instead.

■ 23.7813, 22.0482, -77.3203	■ 23.7813, 22.0482, -77.3203
124.8890, 29.7918, -79.4725	■ 16.2383, 20.6047, -81.5306
■ 41.4877, 24.5266, -75.0424	■ 9.7222, 19.0684, -91.8983
■ 51.4966, 25.5711, -75.1281	0.0000, INF, -NF
■ 62.2016, 26.5022, -75.5668	0.0000, NaN, -NF
■ 73.5602, 27.3309, -76.2076	0.0000, NaN, -NF
■ 85.5366, 28.0667, -76.9631	0.0000, NaN, NaN
■ 98.1005, 28.7177,	0.0000, NaN, NaN

-77.7797

0.0000, NaN, NaN

111.2257, 29.2907,
-78.6235

■ 23.7813, 22.0482,
-77.3203

■ 23.7813, 22.0482,
-77.3203

■ 23.7771, 22.0596,
-77.3397

■ 26.4254, 16.6782,
-66.5439

■ 29.4402, 11.9523,
-56.2573

■ 32.8058, 8.0334,
-46.5980

■ 36.4673, 4.8733,
-37.6746

■ 40.3780, 2.3777,
-29.4750

■ 44.5001, 0.4440,
-21.9300

■ 48.8034, -1.0215,
-14.9517

■ 53.2640, -2.0988,
-8.4529

■ 57.8627, -2.8538,
-2.3550

Harmonies

Analogous

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



23.7815, -4.0629, -92.5937



23.7813, 22.0482, -77.3203



23.7815, 48.6846, -36.5108

Triad

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



23.7815, 22.0499, -77.3198



23.7815, 29.0024, 16.6471



23.7815, -31.4980, 3.8574

Complementary

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



23.7813, 22.0482, -77.3203



44.6320, 9.6654, 27.6701

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.



23.7815, -28.2510, 14.9368



23.7813, 22.0482, -77.3203



23.7815, 1.6577, 16.6471

Square

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



23.7815, 22.0499, -77.3198



23.7815, 53.6666, 13.5027



23.7815, -18.0619, 16.6471



23.7815, -29.5740, -26.4394

Rectangle

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



23.7813, 22.0482, -77.3203



23.7815, 59.7947, -11.1291



23.7815, -18.0619, 16.6471



23.7815, -31.0231, 9.3197

Sweetspot

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



23.7815, 22.0499, -77.3198



65.4069, -1.2787, -20.6571



54.0145, -38.5831, 15.7784



29.4344, -0.2516, -11.3811



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.



23.7815, 22.0499, -77.3198



31.4721, 31.2076, -106.7056



17.5358, 46.1429, -113.6423



27.7377, -1.3804, -0.9268



20.8691, 18.6266, -66.2941



4.4666, 0.3216, -6.2771

Inverse Universe

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



29.3446, 51.2207, 11.4196



39.4825, 68.8357, 16.0495



57.9495, -24.9624, 35.2703



27.5355, 1.2773, 1.2507



25.5161, 44.5755, 9.6788



4.0969, 7.3797, -0.1711

Previews

White Background



This preview shows how the HunterLab color 23.7813, 22.0482, -77.3203 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 23.7813, 22.0482, -77.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

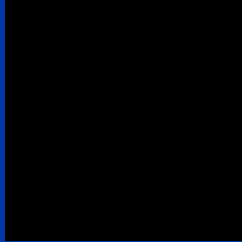
Any Text WCAG AA × Fail

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 23.7813, 22.0482, -77.3203 Background



This preview shows how black text looks on a background with the HunterLab color 23.7813, 22.0482, -77.3203.



This preview shows how white text looks on a background with the HunterLab color 23.7813, 22.0482, -77.3203.

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

23.7813, 22.0482, -77.3203

Protanopia

23.6972, 7.3237, -45.4293

Deuteranopia

23.8502, -0.8728, -27.9266



Tritanopia

23.6573, -11.7673, -4.1672

Trichromacy



Original Color

23.7813, 22.0482, -77.3203

Protanomaly

23.6964, 12.3716, -56.3252

Deuteranomaly

23.5758, 6.7010, -43.9332

Tritanomaly

22.9825, -1.8796, -24.6685

Monochromacy



Original Color

23.7813, 22.0482, -77.3203

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

19.1773, 2.9329, -20.8715

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.7813, 22.0482, -77.3203 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, 56, 168)` looks like.

```
.text, #text, p{  
    color:rgb(0, 56, 168)  
}
```

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, 56, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 56, 168) }
```

Border

The CSS property to change the border of an element to HunterLab 23.7813, 22.0482, -77.3203 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, 56, 168) }
```


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

```
.border{ border-color:rgb(0, 56, 168) }
```

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

Here you see how a box with a 4 pixel rgb(0, 56, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 56, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 56, 168);  
box-shadow:4px 4px 4px 4px rgb(0, 56, 168)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.7813, 22.0482, -77.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 56, 168) }
```

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

```
.background{ background-color: rgb(0, 56,  
168) }
```

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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