

Converting Colors

HunterLab(18.9753, 71.0885,
-210.3744)

Have a look what the booklet for
HunterLab(18.9753, 71.0885,
-210.3744) contains.

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Color

**HunterLab(23.3158, 63.2440,
-165.6682)**

Conversions

Conversions Part 1

Format	Color
Hex	0000E1
RGB	0, 0, 225
RGB Percent	0%, 0%, 88%
CMY	0.9998, 1.0000, 0.1176
CMYK	1.00, 1.00, 0.00, 0.12
HSL	240°, 100%, 44%
HSV	240°, 100%, 88%
XYZ	13.5906, 5.4363, 71.5673
YIQ	25.6500, -72.2250, 69.9750

Conversions

Conversions Part 2

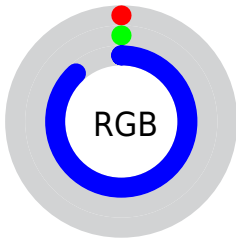
Format	Color
R_{YB}	0, 0, 225
Decimal	225
CIE Lab	27.94, 72.05, -98.13
CIE LCh	28, 121.738, 306.288
Yxy	5.4367, 0.1500, 0.0600
Android (android.graphics.Color)	4278190305 (0xFF0000E1)
YUV	25.6500, 98.2796, -22.4951
Hunter-Lab	23.3158, 63.2440, -165.6682

Details

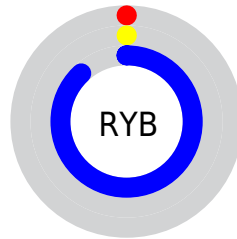
The HunterLab color **23.3158, 63.2440, -165.6682** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **83.5757, -22.4701, 51.1056**, and the grayscale version is **9.7892, -0.5223, 0.5319**.

A 20% lighter version of the original color is **38.3992, 57.6943, -121.4067**, and **16.8141, 45.6084, -119.4716** is the 20% darker color. If you saturate the color by 10%, you get **23.3166, 63.2447, -165.6619**, and if you desaturate by 10%, it is **24.9125, 58.3654, -153.1607**.

Distribution



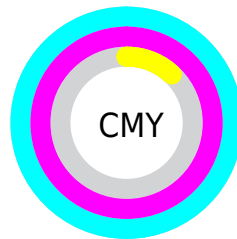
- Red (0%)
- Green (0%)
- Blue (88%)



- Red (0%)
- Yellow (0%)
- Blue (88%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (100%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.3158, 63.2440, -165.6682 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 23.3158, 63.2440, -165.6682 by changing the saturation by 10% instead.

■ 23.3158, 63.2440,
-165.6682

■ 23.3158, 63.2440,
-165.6682

■ 124.0792, 82.4289,
-144.8836

■ 15.8293, 61.5733,
-184.8916

■ 40.9275, 67.7430,
-149.7439

■ 9.3780, 61.4966,
-226.5792

■ 50.8943, 70.0736,
-146.4691

0.0000, INF, -NF

0.0000, NaN, -NF

■ 61.5601, 72.3517,
-144.6719

0.0000, NaN, -NF

■ 72.8816, 74.5508,
-143.8120

0.0000, NaN, -NF

■ 84.8230, 76.6598,
-143.5704


0.0000, NaN, -NF


0.0000, NaN, NaN


■ 97.3535, 78.6753,


-143.7480


 110.4466, 80.5976,
-144.2150

 23.3158, 63.2440,
-165.6682


 23.3158, 63.2440,
-165.6682


 23.3166, 63.2447,
-165.6619

 24.9125, 58.3654,
-153.1607

 28.0571, 50.2325,
-132.3642

 32.7457, 40.7041,
-108.0883

 38.6317, 31.5830,
-84.9697

 45.4036, 23.5066,
-64.6321

■ 52.8367, 16.4877,
-47.0885

■ 60.7784, 10.3453,
-31.8575

■ 69.1258, 4.8816,
-18.4183

■ 77.8074, -0.0680,
-6.3381

Harmonies

Analogous

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



23.3166, 7.7101, -247.3540



23.3158, 63.2440, -165.6682



23.3166, 117.7431, -50.8232

Triad

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



23.3166, 63.2447, -165.6619



23.3166, 38.0382, 16.3216



23.3166, -40.8041, -8.1579

Complementary

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



23.3158, 63.2440, -165.6682



83.5757, -22.4701, 51.1056

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.



23.3166, -39.1242, 16.3216



23.3158, 63.2440, -165.6682



23.3166, -9.0248, 16.3216

Square

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



23.3166, 63.2447, -165.6619



23.3166, 97.5857, 16.3216



23.3166, -31.3934, 16.3216



23.3166, -36.6325, -95.4531

Rectangle

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



23.3158, 63.2440, -165.6682



23.3166, 134.1202, -3.9341



23.3166, -31.3934, 16.3216



23.3166, -40.8041, 5.4951

Sweetspot

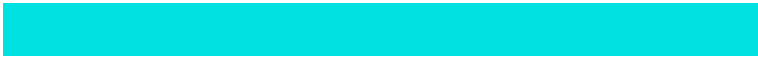
The Sweet Spot groups the original color and five complimentary colors.



23.3166, 63.2447, -165.6619



69.8475, 12.0612, -37.0569



76.9980, -40.8207, -8.1208



30.4898, 6.9238, -20.4688

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



23.3166, 63.2447, -165.6619



26.8709, 72.8856, -190.9164



29.8562, 69.3373, -121.8502



36.3916, -0.1540, -2.6483



17.7000, 48.0096, -125.7531



4.6606, 12.6403, -33.1023

Inverse Universe

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



46.3041, 91.0303, -61.0325



53.3627, 104.9068, -70.3359



75.7155, -53.1218, 45.7256



37.3304, 3.0247, -1.3823



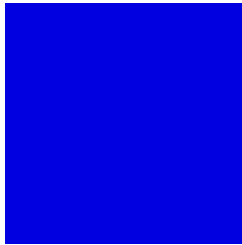
35.1498, 69.1018, -46.3307



9.2542, 18.1933, -12.1992

Previews

White Background



This preview shows how the HunterLab color 23.3158, 63.2440, -165.6682 looks on a white background.

Color Contrast Check

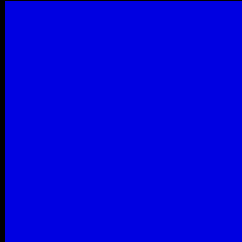
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3158, 63.2440, -165.6682 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 23.3158, 63.2440, -165.6682 Background



This preview shows how black text looks on a background with the HunterLab color 23.3158, 63.2440, -165.6682.



This preview shows how white text looks on a background with the HunterLab color 23.3158, 63.2440, -165.6682.

-165.6682.

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

23.3158, 63.2440, -165.6682

Protanopia

23.9404, 6.8344, -44.6770

Deuteranopia

23.8006, -1.1441, -27.2788



Tritanopia

23.9445, -12.1158, -3.7740

Trichromacy



Original Color

23.3158, 63.2440, -165.6682

Protanomaly

21.3500, 30.2224, -91.9271

Deuteranomaly

20.6811, 23.7003, -77.0117

Tritanomaly

19.4418, 13.9195, -54.3487

Monochromacy



Original Color

23.3158, 63.2440, -165.6682

Achromatopsia

10.1636, -0.5423, 0.5522

Achromatomaly

11.8402, 19.0225, -50.2342

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.3158, 63.2440, -165.6682 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, 0, 225)` looks like.

```
.text, #text, p{  
    color:rgb(0, 0, 225)  
}
```

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, 0, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 0, 225) }
```

Border

The CSS property to change the border of an element to HunterLab 23.3158, 63.2440, -165.6682 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, 0, 225) }
```


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

```
.border{ border-color:rgb(0, 0, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 0, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 0, 225); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 0, 225); box-shadow:4px  
4px 4px 4px rgb(0, 0, 225) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.3158, 63.2440, -165.6682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 0, 225) }
```

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

```
.background{ background-color: rgb(0, 0,  
225) }
```

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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