

Converting Colors

HunterLab(23.3009, 63.0796,
-164.7068)

Have a look what the booklet for
HunterLab(23.3009, 63.0796,
-164.7068) contains.

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Color

**HunterLab(23.2543, 62.9663,
-164.3713)**

Conversions

Conversions Part 1

Format	Color
Hex	0400E0
RGB	4, 0, 224
RGB Percent	2%, 0%, 88%
CMY	0.9841, 1.0000, 0.1216
CMYK	0.98, 1.00, 0.00, 0.12
HSL	241°, 100%, 44%
HSV	241°, 100%, 88%
XYZ	13.5046, 5.4076, 70.8530
YIQ	26.7320, -69.5200, 70.5120

Conversions

Conversions Part 2

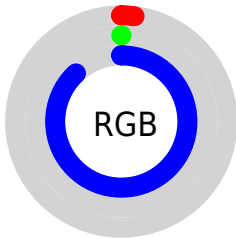
Format	Color
R _Y B	4, 0, 224
Decimal	262368
CIE Lab	27.87, 71.83, -97.68
CIE LCh	28, 121.247, 306.329
Yxy	5.4080, 0.1504, 0.0602
Android (android.graphics.Color)	4278452448 (0xFF0400E0)
YUV	26.7320, 97.2531, -19.9360
Hunter-Lab	23.2543, 62.9663, -164.3713

Details

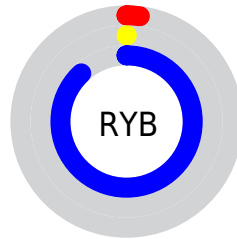
The HunterLab color **23.2543, 62.9663, -164.3713** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **82.7758, -23.7657, 50.5900**, and the grayscale version is **10.1200, -0.5400, 0.5498**.

A 20% lighter version of the original color is **38.3992, 57.6943, -121.4067**, and **16.7034, 45.3078, -118.6844** is the 20% darker color. If you saturate the color by 10%, you get **23.2551, 62.9670, -164.3650**, and if you desaturate by 10%, it is **24.8824, 58.1543, -151.6880**.

Distribution



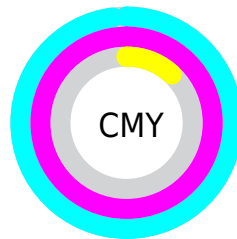
- Red (2%)
- Green (0%)
- Blue (88%)



- Red (2%)
- Yellow (0%)
- Blue (88%)



- Cyan (98%)
- Magenta (100%)
- Yellow (0%)
- Black (12%)



- Cyan (98%)
- Magenta (100%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.2543, 62.9663, -164.3713 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 23.2543, 62.9663, -164.3713 by changing the saturation by 10% instead.

■ 23.2543, 62.9663,
-164.3713

■ 23.2543, 62.9663,
-164.3713

123.9718, 82.1111,
-143.9343

■ 15.7753, 61.2949,
-183.4229

■ 40.8533, 67.4608,
-148.6304

■ 9.3323, 61.2197,
-224.8395

■ 50.8145, 69.7874,
-145.4068

0.0000, INF, -NF

0.0000, NaN, -NF

■ 61.4751, 72.0609,
-143.6461

0.0000, NaN, -NF

■ 72.7917, 74.2549,
-142.8125

0.0000, NaN, -NF

■ 84.7284, 76.3587,
-142.5901

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 97.2544, 78.3687,

-142.7817

110.3433, 80.2854,
-143.2587

23.2543, 62.9663,
-164.3713

23.2543, 62.9663,
-164.3713

23.2551, 62.9670,
-164.3650

24.8824, 58.1543,
-151.6880

28.0586, 50.1805,
-130.8487

32.7468, 40.8220,
-106.7897

38.6056, 31.8221,
-83.9599

45.3316, 23.8043,
-63.8862

■ 52.7058, 16.7907,
-46.5600

■ 60.5797, 10.6141,
-31.5050

■ 68.8528, 5.0876,
-18.2109

■ 77.4551, 0.0543,
-6.2539

Harmonies

Analogous

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



23.2551, 7.7305, -245.5613



23.2543, 62.9663, -164.3713



23.2551, 117.0887, -50.3810

Triad

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



23.2551, 62.9670, -164.3650



23.2551, 37.7484, 16.2786



23.2551, -40.6965, -8.1831

Complementary

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



23.2543, 62.9663, -164.3713



82.7758, -23.7657, 50.5900

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.



23.2551, -38.9970, 16.2786



23.2543, 62.9663, -164.3713



23.2551, -9.0317, 16.2786

Square

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



23.2551, 62.9670, -164.3650



23.2551, 96.9326, 16.2786



23.2551, -31.2882, 16.2786



23.2551, -36.4924, -94.9906

Rectangle

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



23.2543, 62.9663, -164.3713



23.2551, 133.3113, -3.8475



23.2551, -31.2882, 16.2786



23.2551, -40.6965, 5.4302

Sweetspot

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



23.2551, 62.9670, -164.3650



69.9640, 12.4399, -36.8447



75.3050, -39.0603, -9.8048



30.5500, 7.1161, -20.3508

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



23.2551, 62.9670, -164.3650



26.9254, 72.9246, -190.4588



30.1274, 69.4571, -119.0038



36.4075, -0.0995, -2.6266



17.7572, 48.0505, -125.2747



4.7201, 12.6834, -32.6088

Inverse Universe

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



45.8385, 89.7659, -57.7128



53.0906, 103.9648, -66.8206



75.1774, -53.5083, 45.3872



37.3244, 2.9927, -1.2975



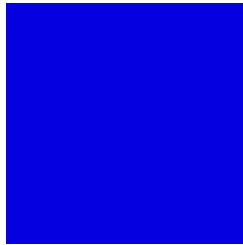
34.9747, 68.4954, -44.0678



9.2156, 18.0594, -11.6998

Previews

White Background



This preview shows how the HunterLab color 23.2543, 62.9663, -164.3713 looks on a white background.

Color Contrast Check

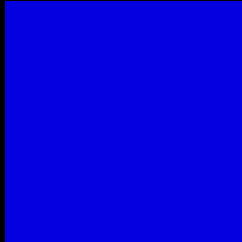
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2543, 62.9663, -164.3713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

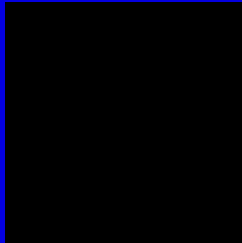
Any Text WCAG AA × Fail

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 23.2543, 62.9663, -164.3713 Background



This preview shows how black text looks on a background with the HunterLab color 23.2543, 62.9663, -164.3713.



This preview shows how white text looks on a background with the HunterLab color 23.2543, 62.9663, -164.3713.

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

23.2543, 62.9663, -164.3713

Protanopia

23.6363, 7.0117, -44.6795

Deuteranopia

23.7514, -1.4137, -26.6353



Tritanopia

23.6573, -11.7673, -4.1672

Trichromacy



Original Color

23.2543, 62.9663, -164.3713

Protanomaly

21.1114, 30.4164, -91.8767

Deuteranomaly

20.6150, 23.3859, -76.0754

Tritanomaly

19.4584, 13.9644, -54.2809

Monochromacy



Original Color

23.2543, 62.9663, -164.3713

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

12.0008, 19.4727, -50.5837

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.2543, 62.9663, -164.3713 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(4, 0, 224)` looks like.

```
.text, #text, p{  
    color:rgb(4, 0, 224)  
}
```

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(4, 0, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 0, 224) }
```

Border

The CSS property to change the border of an element to HunterLab 23.2543, 62.9663, -164.3713 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(4, 0, 224) }
```


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

```
.border{ border-color:rgb(4, 0, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 0, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 0, 224); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 0, 224); box-shadow:4px  
4px 4px 4px rgb(4, 0, 224) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.2543, 62.9663, -164.3713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 0, 224) }
```

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

```
.background{ background-color: rgb(4, 0,  
224) }
```

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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