

Converting Colors

HunterLab(23.4880, 62.0655,
-154.1341)

Have a look what the booklet for
HunterLab(23.4880, 62.0655,
-154.1341) contains.

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Color

**HunterLab(23.4687, 61.9829,
-153.7638)**

Conversions

Conversions Part 1

Format	Color
Hex	2500DB
RGB	37, 0, 219
RGB Percent	15%, 0%, 86%
CMY	0.8548, 1.0000, 0.1412
CMYK	0.83, 1.00, 0.00, 0.14
HSL	250°, 100%, 43%
HSV	250°, 100%, 86%
XYZ	13.5491, 5.5078, 67.3669
YIQ	36.0290, -48.2470, 75.9530

Conversions

Conversions Part 2

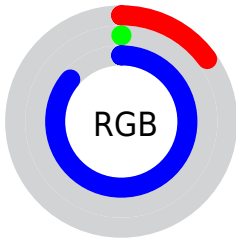
Format	Color
RYB	37, 0, 219
Decimal	2425051
CIELab	28.14, 70.96, -94.33
CIELCh	28, 118.034, 306.952
Yxy	5.5082, 0.1568, 0.0637
Android (android.graphics.Color)	4280615131 (0xFF2500DB)
YUV	36.0290, 90.2047, 0.8516
Hunter-Lab	23.4687, 61.9829, -153.7638

Details

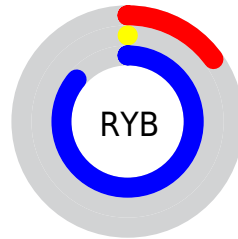
The HunterLab color **23.4687, 61.9829, -153.7638** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **77.8499, -33.9323, 47.3767**, and the grayscale version is **13.0264, -0.6951, 0.7078**.

A 20% lighter version of the original color is **39.0223, 58.8900, -118.6696**, and **16.1513, 43.8103, -114.7616** is the 20% darker color. If you saturate the color by 10%, you get **23.4695, 61.9836, -153.7584**, and if you desaturate by 10%, it is **25.5007, 57.9818, -139.0909**.

Distribution



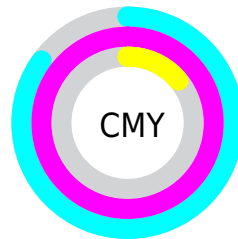
- Red (15%)
- Green (0%)
- Blue (86%)



- Red (15%)
- Yellow (0%)
- Blue (86%)



- Cyan (83%)
- Magenta (100%)
- Yellow (0%)
- Black (14%)



- Cyan (85%)
- Magenta (100%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.4687, 61.9829, -153.7638 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 23.4687, 61.9829, -153.7638 by changing the saturation by 10% instead.

■ 23.4687, 61.9829,
-153.7638

■ 23.4687, 61.9829,
-153.7638

■ 124.3458, 80.9517,
-136.9598

■ 15.9637, 60.2627,
-170.5156

■ 41.1118, 66.4766,
-140.0878

■ 9.4910, 60.0205,
-206.9435

■ 51.0925, 68.7852,
-137.3809

0.0000, INF, -NF

■ 61.7712, 71.0359,
-135.9736

0.0000, NaN, -NF

■ 73.1050, 73.2047,
-135.3880

0.0000, NaN, -NF

■ 85.0579, 75.2818,
-135.3417

0.0000, NaN, -NF

■ 97.5994, 77.2645,

0.0000, NaN, NaN

-135.6586

110.7031, 79.1537,
-136.2238

23.4687, 61.9829,
-153.7638

23.4687, 61.9829,
-153.7638

23.4695, 61.9836,
-153.7584

25.5007, 57.9818,
-139.0909

28.8682, 51.2493,
-118.9573

33.5133, 43.0407,
-97.1607

39.1553, 34.7352,
-76.7452

45.5508, 26.9216,
-58.6929

■ 52.5213, 19.7237,
-42.9464

■ 59.9426, 13.0841,
-29.1231

■ 67.7283, 6.8992,
-16.8136

■ 75.8174, 1.0687,
-5.6719

Harmonies

Analogous

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



23.4695, 8.4078, -231.7666



23.4687, 61.9829, -153.7638



23.4695, 113.2903, -46.4789

Triad

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



23.4695, 61.9836, -153.7584



23.4695, 35.3810, 16.4286



23.4695, -40.3085, -8.9586

Complementary

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



23.4687, 61.9829, -153.7638



77.8499, -33.9323, 47.3767

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.



23.4695, -38.7203, 16.0224



23.4687, 61.9829, -153.7638



23.4695, -9.5675, 16.4286

Square

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



23.4695, 61.9836, -153.7584



23.4695, 92.1939, 16.4286



23.4695, -31.2557, 16.4286



23.4695, -36.0677, -92.9078

Rectangle

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



23.4687, 61.9829, -153.7638



23.4695, 128.0796, -2.7889



23.4695, -31.2557, 16.4286



23.4695, -40.4386, 4.7255

Sweetspot

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



23.4695, 61.9836, -153.7584



70.9877, 15.7412, -35.0000



62.2701, -24.0748, -25.8616



31.0829, 8.8035, -19.3192

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



23.4695, 61.9836, -153.7584



27.8134, 73.5892, -183.2493



33.5045, 72.6421, -96.6791



35.6685, 0.3495, -2.3706



18.1615, 47.7998, -117.7021



4.9652, 12.4599, -27.4638

Inverse Universe

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



42.9381, 81.3965, -33.2129



50.9983, 96.6463, -39.2179



72.1663, -56.8382, 43.4735



36.3800, 2.6465, -0.5657



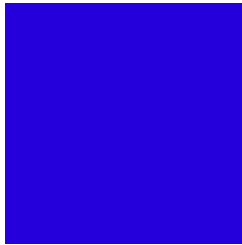
33.0851, 62.7535, -25.8627



8.4816, 16.1857, -7.3925

Previews

White Background



This preview shows how the HunterLab color 23.4687, 61.9829, -153.7638 looks on a white background.

Color Contrast Check

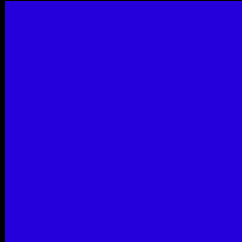
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4687, 61.9829, -153.7638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

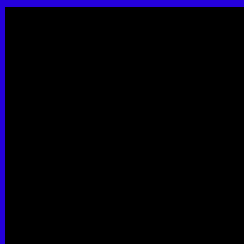
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

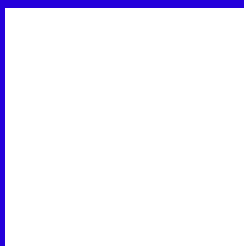
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 23.4687, 61.9829, -153.7638 Background



This preview shows how black text looks on a background with the HunterLab color 23.4687, 61.9829, -153.7638.



This preview shows how white text looks on a background with the HunterLab color 23.4687, 61.9829, -153.7638.

-153.7638.

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

23.4687, 61.9829, -153.7638

Protanopia

23.9404, 6.8344, -44.6770

Deuteranopia

23.8006, -1.1441, -27.2788



Tritanopia

23.9445, -12.1158, -3.7740

Trichromacy



Original Color

23.4687, 61.9829, -153.7638

Protanomaly

21.2874, 29.5692, -88.1907

Deuteranomaly

20.7254, 23.4771, -74.2761

Tritanomaly

19.5222, 13.8591, -51.8676

Monochromacy



Original Color

23.4687, 61.9829, -153.7638

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

14.0255, 19.7721, -45.2562

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.4687, 61.9829, -153.7638 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(37, 0, 219)` looks like.

```
.text, #text, p{  
    color:rgb(37, 0, 219)  
}
```

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(37, 0, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 0, 219) }
```

Border

The CSS property to change the border of an element to HunterLab 23.4687, 61.9829, -153.7638 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(37, 0, 219) }
```


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

```
.border{ border-color:rgb(37, 0, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 0, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 0, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 0, 219);  
box-shadow:4px 4px 4px 4px rgb(37, 0, 219)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.4687, 61.9829, -153.7638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 0, 219) }
```

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

```
.background{ background-color: rgb(37, 0,  
219) }
```

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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