

Converting Colors

HunterLab(23.4431, 58.7423,
-129.0052)

Have a look what the booklet for
HunterLab(23.4431, 58.7423,
-129.0052) contains.

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Color

**HunterLab(23.4168, 58.7189,
-129.1846)**

Conversions

Conversions Part 1

Format	Color
Hex	4100CC
RGB	65, 0, 204
RGB Percent	25%, 0%, 80%
CMY	0.7451, 1.0000, 0.2000
CMYK	0.68, 1.00, 0.00, 0.20
HSL	259°, 100%, 40%
HSV	259°, 100%, 80%
XYZ	13.0791, 5.4835, 57.4959
YIQ	42.6910, -26.7440, 77.2240

Conversions

Conversions Part 2

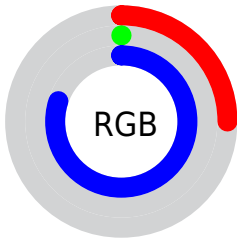
Format	Color
R_{YB}	65, 0, 204
Decimal	4260044
CIE _{Lab}	28.07, 68.18, -85.67
CIE _{LCh}	28, 109.490, 308.514
Yxy	5.4838, 0.1720, 0.0721
Android (android.graphics.Color)	4282450124 (0xFF4100CC)
YUV	42.6910, 79.5253, 19.5650
Hunter-Lab	23.4168, 58.7189, -129.1846

Details

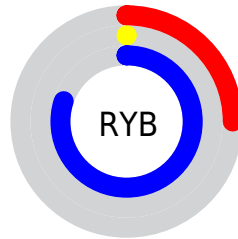
The HunterLab color **23.4168, 58.7189, -129.1846** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **69.7669, -39.6077, 42.2967**, and the grayscale version is **15.1975, -0.8109, 0.8257**.

A 20% lighter version of the original color is **40.4237, 60.8027, -112.7890**, and **14.6223, 39.6630, -103.8977** is the 20% darker color. If you saturate the color by 10%, you get **23.4174, 58.7196, -129.1808**, and if you desaturate by 10%, it is **25.5588, 55.6531, -115.7971**.

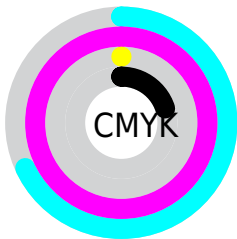
Distribution



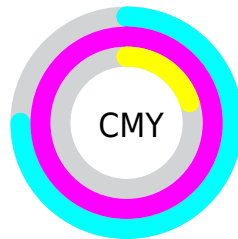
- Red (25%)
- Green (0%)
- Blue (80%)



- Red (25%)
- Yellow (0%)
- Blue (80%)



- Cyan (68%)
- Magenta (100%)
- Yellow (0%)
- Black (20%)



- Cyan (75%)
- Magenta (100%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.4168, 58.7189, -129.1846 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 23.4168, 58.7189, -129.1846 by changing the saturation by 10% instead.

■ 23.4168, 58.7189,
-129.1846

■ 23.4168, 58.7189,
-129.1846

■ 124.2551, 77.1274,
-119.5624

■ 15.9179, 56.9289,
-141.5406

■ 41.0490, 63.1704,
-119.5970

■ 9.4525, 56.4375,
-168.9659

■ 51.0251, 65.4214,
-117.9297

0.0000, INF, -NF

0.0000, NaN, -NF

■ 61.6994, 67.6039,
-117.2330

0.0000, NaN, -NF

■ 73.0290, 69.6985,
-117.1419

0.0000, NaN, -NF


■ 84.9780, 71.6979,
-117.4413


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 97.5157, 73.6011,


-117.9976


 110.6158, 75.4099,
-118.7240


 23.4168, 58.7189,
-129.1846


 23.4168, 58.7189,
-129.1846

 23.4174, 58.7196,
-129.1808

 25.5588, 55.6531,
-115.7971

 28.7208, 50.2967,
-99.3526

 32.9031, 43.3612,
-81.9066

 37.9086, 35.9155,
-65.3603

 43.5572, 28.5320,
-50.4219

■ 49.7100, 21.4283,
-37.1302

■ 56.2653, 14.6456,
-25.2713

■ 63.1498, 8.1552,
-14.5800

■ 70.3101, 1.9079,
-4.8151

Harmonies

Analogous

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



23.4174, 9.8129, -199.2127



23.4168, 58.7189, -129.1846



23.4174, 103.0880, -37.5174

Triad

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



23.4174, 58.7196, -129.1808



23.4174, 29.5977, 16.3922



23.4174, -38.6152, -10.6117

Complementary

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



23.4168, 58.7189, -129.1846



69.7669, -39.6077, 42.2967

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.



23.4174, -37.4239, 14.9239



23.4168, 58.7189, -129.1846



23.4174, -10.5785, 16.3922

Square

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



23.4174, 58.7196, -129.1808



23.4174, 80.3900, 16.3922



23.4174, -30.5127, 16.3922



23.4174, -34.4063, -86.8567

Rectangle

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



23.4168, 58.7189, -129.1846



23.4174, 114.5951, -0.4841



23.4174, -30.5127, 16.3922



23.4174, -38.8329, 2.9068

Sweetspot

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



23.4174, 58.7196, -129.1808



72.0691, 19.1812, -33.0877



47.8968, -8.5767, -41.3522



31.6527, 10.5791, -18.2416

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



23.4174, 58.7196, -129.1808



29.9681, 75.4128, -167.3892



35.4001, 72.9388, -72.5891



33.1882, 0.7210, -1.9936



18.6976, 46.6955, -101.6784



4.7020, 11.0629, -20.2987

Inverse Universe

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



38.3423, 70.5232, -12.9053



49.3010, 90.6073, -16.0328



66.0202, -55.0523, 39.7176



33.6757, 2.1803, 0.1163



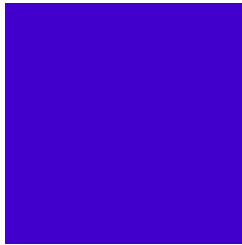
30.4478, 56.0533, -10.6389



7.0121, 13.0759, -3.7438

Previews

White Background



This preview shows how the HunterLab color 23.4168, 58.7189, -129.1846 looks on a white background.

Color Contrast Check

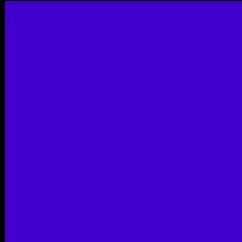
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4168, 58.7189, -129.1846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

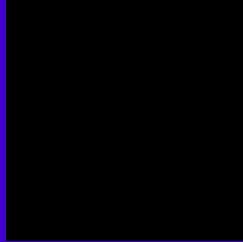
Any Text WCAG AA × Fail

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 23.4168, 58.7189, -129.1846 Background



This preview shows how black text looks on a background with the HunterLab color 23.4168, 58.7189, -129.1846.



This preview shows how white text looks on a background with the HunterLab color 23.4168, 58.7189, -129.1846.

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

23.4168, 58.7189, -129.1846

Protanopia

23.9404, 6.8344, -44.6770

Deuteranopia

23.8502, -0.8728, -27.9266



Tritanopia

24.0062, -11.7506, -4.6394

Trichromacy



Original Color

23.4168, 58.7189, -129.1846

Protanomaly

21.1158, 28.3604, -82.4714

Deuteranomaly

20.5934, 22.3817, -68.7816

Tritanomaly

19.5306, 13.3425, -47.6533

Monochromacy



Original Color

23.4168, 58.7189, -129.1846

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.6428, 20.0427, -37.6547

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.4168, 58.7189, -129.1846 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(65, 0, 204)` looks like.

```
.text, #text, p{  
    color:rgb(65, 0, 204)  
}
```

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(65, 0, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 0, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 23.4168, 58.7189, -129.1846 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(65, 0, 204) }
```


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

```
.border{ border-color:rgb(65, 0, 204) }
```

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

Here you see how a box with a 4 pixel rgb(65, 0, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 0, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 0, 204);  
box-shadow:4px 4px 4px 4px rgb(65, 0, 204)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.4168, 58.7189, -129.1846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 0, 204) }
```

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

```
.background{ background-color: rgb(65, 0,  
204) }
```

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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