

Converting Colors

HunterLab(24.2394, 60.5222,
-131.7109)

Have a look what the booklet for
HunterLab(24.2394, 60.5222,
-131.7109) contains.

HunterLab(24.2253, 60.4887, -131.6470)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(24.2253, 60.4887,
-131.6470)**

Conversions

Conversions Part 1

Format	Color
Hex	4500D1
RGB	69, 0, 209
RGB Percent	27%, 0%, 82%
CMY	0.7294, 1.0000, 0.1804
CMYK	0.67, 1.00, 0.00, 0.18
HSL	260°, 100%, 41%
HSV	260°, 100%, 82%
XYZ	13.9629, 5.8687, 60.7184
YIQ	44.4570, -25.9650, 79.6270

Conversions

Conversions Part 2

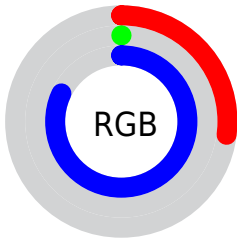
Format	Color
R_{YB}	69, 0, 209
Decimal	4522193
CIE _{Lab}	29.08, 69.52, -86.90
CIE _{LCh}	29, 111.285, 308.661
Yxy	5.8690, 0.1733, 0.0729
Android (android.graphics.Color)	4282712273 (0xFF4500D1)
YUV	44.4570, 81.1197, 21.5242
Hunter-Lab	24.2253, 60.4887, -131.6470

Details

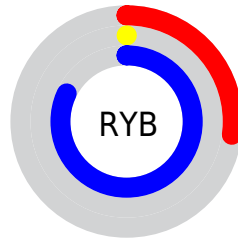
The HunterLab color **24.2253, 60.4887, -131.6470** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **71.5373, -41.3155, 43.3576**, and the grayscale version is **15.7695, -0.8414, 0.8568**.

A 20% lighter version of the original color is **40.9812, 61.1070, -110.5525**, and **15.1654, 41.1363, -107.7569** is the 20% darker color. If you saturate the color by 10%, you get **24.2260, 60.4893, -131.6430**, and if you desaturate by 10%, it is **26.4111, 57.4760, -118.1350**.

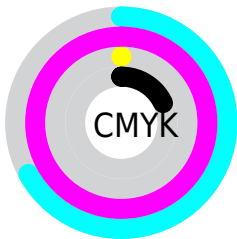
Distribution



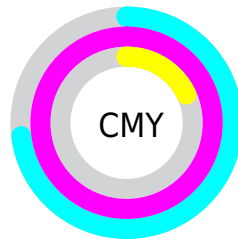
- Red (27%)
- Green (0%)
- Blue (82%)



- Red (27%)
- Yellow (0%)
- Blue (82%)



- Cyan (67%)
- Magenta (100%)
- Yellow (0%)
- Black (18%)



- Cyan (73%)
- Magenta (100%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.2253, 60.4887, -131.6470 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 24.2253, 60.4887, -131.6470 by changing the saturation by 10% instead.

■ 24.2253, 60.4887,
-131.6470

■ 24.2253, 60.4887,
-131.6470

■ 125.6600, 79.1369,
-122.0582

■ 16.6300, 58.6642,
-143.6932

■ 42.0222, 64.9848,
-122.1525

■ 10.0529, 58.0671,
-169.8806

■ 52.0709, 67.2595,
-120.4765

0.0000, INF, -NF

■ 62.8131, 69.4679,
-119.7660

0.0000, NaN, -NF

■ 74.2067, 71.5897,
-119.6617

0.0000, NaN, -NF

■ 86.2164, 73.6177,
-119.9505

0.0000, NaN, -NF

■ 98.8120, 75.5502,

0.0000, NaN, NaN

0.0000, NaN, NaN

-120.4993

111.9675, 77.3890,
-121.2214

24.2253, 60.4887,
-131.6470

24.2253, 60.4887,
-131.6470

24.2260, 60.4893,
-131.6430

26.4111, 57.4760,
-118.1350

29.6429, 52.0594,
-101.4750

33.9194, 44.9744,
-83.7523

39.0417, 37.3194,
-66.8959

44.8268, 29.6947,
-51.6424

■ 51.1321, 22.3364,
-38.0475

■ 57.8530, 15.2955,
-25.9036

■ 64.9140, 8.5478,
-14.9463

■ 72.2599, 2.0456,
-4.9326

Harmonies

Analogous

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



24.2260, 10.2839, -203.4523



24.2253, 60.4887, -131.6470



24.2260, 105.8132, -38.0749

Triad

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



24.2260, 60.4893, -131.6430



24.2260, 30.1310, 16.9582



24.2260, -39.6386, -11.1353

Complementary

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



24.2253, 60.4887, -131.6470



71.5373, -41.3155, 43.3576

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.



24.2260, -38.4946, 15.3084



24.2253, 60.4887, -131.6470



24.2260, -11.0374, 16.9582

Square

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



24.2260, 60.4893, -131.6430



24.2260, 82.1868, 16.9582



24.2260, -31.5087, 16.9582



24.2260, -35.4527, -89.3780

Rectangle

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



24.2253, 60.4887, -131.6470



24.2260, 117.4441, -0.3044



24.2260, -31.5087, 16.9582



24.2260, -39.8614, 2.8367

Sweetspot

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



24.2260, 60.4893, -131.6430



72.1550, 19.4525, -32.9373



49.1868, -8.7656, -42.5569



31.6982, 10.7198, -18.1566

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



24.2260, 60.4893, -131.6430



30.1893, 75.6151, -165.8781



36.3674, 74.9381, -74.6216



34.0655, 0.7815, -2.0456



19.1488, 47.6150, -102.5254



4.9789, 11.7139, -21.4910

Inverse Universe

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



39.3047, 72.1270, -11.9398



49.1862, 90.1952, -14.4368



67.8374, -56.5866, 40.8105



34.5542, 2.2322, 0.1625



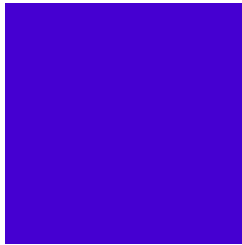
30.8933, 56.7453, -9.8006



7.4025, 13.7667, -3.6631

Previews

White Background



This preview shows how the HunterLab color 24.2253, 60.4887, -131.6470 looks on a white background.

Color Contrast Check

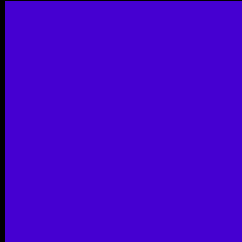
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2253, 60.4887, -131.6470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

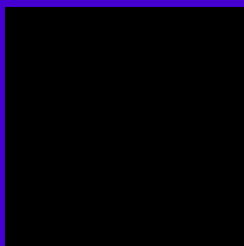
Any Text WCAG AA × Fail

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 24.2253, 60.4887, -131.6470 Background



This preview shows how black text looks on a background with the HunterLab color 24.2253, 60.4887, -131.6470.



This preview shows how white text looks on a background with the HunterLab color 24.2253, 60.4887, -131.6470.

-131.6470.

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

24.2253, 60.4887, -131.6470

Protanopia

24.7334, 7.4160, -46.9237

Deuteranopia

24.7902, -1.3776, -28.0117



Tritanopia

24.6441, -12.0852, -4.7145

Trichromacy



Original Color

24.2253, 60.4887, -131.6470

Protanomaly

21.7358, 29.6300, -85.8125

Deuteranomaly

21.1201, 23.2806, -71.1814

Tritanomaly

20.1813, 13.3641, -48.3466

Monochromacy



Original Color

24.2253, 60.4887, -131.6470

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

16.0837, 20.4872, -38.0094

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.2253, 60.4887, -131.6470 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(69, 0, 209)` looks like.

```
.text, #text, p{  
    color:rgb(69, 0, 209)  
}
```

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(69, 0, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 0, 209) }
```

Border

The CSS property to change the border of an element to HunterLab 24.2253, 60.4887, -131.6470 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(69, 0, 209) }
```


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

```
.border{ border-color:rgb(69, 0, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 0, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 0, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 0, 209);  
box-shadow:4px 4px 4px 4px rgb(69, 0, 209)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.2253, 60.4887, -131.6470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 0, 209) }
```

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

```
.background{ background-color: rgb(69, 0,  
209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor