

Converting Colors

HunterLab(23.3711, 48.4386,
-133.7769)

Have a look what the booklet for
HunterLab(23.3711, 48.4386,
-133.7769) contains.

HunterLab(23.4200, 48.5887, -134.1620)	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(23.4200, 48.5887,
-134.1620)**

Conversions

Conversions Part 1

Format	Color
Hex	001FCF
RGB	0, 31, 207
RGB Percent	0%, 12%, 81%
CMY	0.9998, 0.8785, 0.1882
CMYK	1.00, 0.85, 0.00, 0.19
HSL	231°, 100%, 41%
HSV	231°, 100%, 81%
XYZ	11.7525, 5.4850, 59.4708
YIQ	41.7950, -74.9720, 48.1640

Conversions

Conversions Part 2

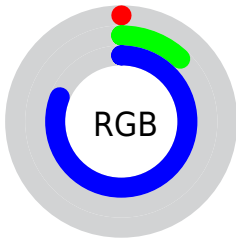
Format	Color
RYB	0, 27, 207
Decimal	8143
CIELab	28.07, 59.13, -87.50
CIELCh	28, 105.599, 304.049
Yxy	5.4850, 0.1532, 0.0715
Android (android.graphics.Color)	4278198223 (0xFF001FCF)
YUV	41.7950, 81.4461, -36.6542
Hunter-Lab	23.4200, 48.5887, -134.1620

Details

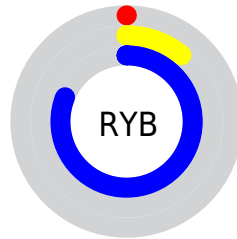
The HunterLab color **23.4200, 48.5887, -134.1620** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **66.5864, -5.8967, 40.9258**, and the grayscale version is **14.9139, -0.7958, 0.8103**.

A 20% lighter version of the original color is **40.2107, 49.2045, -113.8583**, and **14.9478, 40.5459, -106.2104** is the 20% darker color. If you saturate the color by 10%, you get **23.4148, 48.6085, -134.1983**, and if you desaturate by 10%, it is **26.1245, 40.7021, -117.1631**.

Distribution



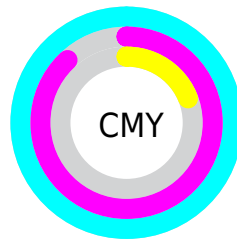
- Red (0%)
- Green (12%)
- Blue (81%)



- Red (0%)
- Yellow (11%)
- Blue (81%)



- Cyan (100%)
- Magenta (85%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (88%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.4200, 48.5887, -134.1620 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 23.4200, 48.5887, -134.1620 by changing the saturation by 10% instead.

■ 23.4200, 48.5887,
-134.1620

■ 23.4200, 48.5887,
-134.1620

■ 124.2596, 64.9149,
-123.1512

■ 15.9202, 46.6634,
-147.3945

■ 41.0522, 52.7983,
-123.7740

■ 9.4545, 45.5036,
-176.6169

■ 51.0284, 54.8261,
-121.9042

0.0000, INF, -NF

0.0000, NaN, -NF

■ 61.7029, 56.7582,
-121.0703

0.0000, NaN, -NF

■ 73.0328, 58.5874,
-120.8848

0.0000, NaN, -NF

■ 84.9819, 60.3139,
-121.1193

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.5199, 61.9409,

-121.6317

110.6202, 63.4730,
-122.3297

23.4200, 48.5887,
-134.1620

23.4200, 48.5887,
-134.1620

23.4148, 48.6085,
-134.1983

26.1245, 40.7021,
-117.1631

29.8428, 32.4414,
-98.3240

34.4163, 24.9019,
-80.0526

39.6545, 18.4276,
-63.5045

45.4080, 12.9858,
-48.8711

■ 51.5681, 8.4161,
-35.9479

■ 58.0570, 4.5449,
-24.4314

■ 64.8190, 1.2228,
-14.0339

■ 71.8129, -1.6685,
-4.5161

Harmonies

Analogous

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



23.4200, 3.6137, -189.0254



23.4200, 48.5887, -134.1620



23.4200, 93.0676, -46.4816

Triad

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



23.4200, 48.5923, -134.1624



23.4200, 35.3697, 16.3940



23.4200, -38.0690, -3.6267

Complementary

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



23.4200, 48.5887, -134.1620



66.5864, -5.8967, 40.9258

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.



23.4200, -36.1369, 16.0059



23.4200, 48.5887, -134.1620



23.4200, -5.7482, 16.3940

Square

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



23.4200, 48.5923, -134.1624



23.4200, 82.8165, 16.3940



23.4200, -28.0015, 16.3940



23.4200, -34.7496, -68.5972

Rectangle

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



23.4200, 48.5887, -134.1620



23.4200, 107.8023, -6.2470



23.4200, -28.0015, 16.3940



23.4200, -38.0121, 6.9135

Sweetspot

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



23.4200, 48.5923, -134.1624



73.1743, 5.9287, -31.4631



69.1079, -43.0748, 6.6098



32.2136, 3.6720, -17.3565

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



23.4200, 48.5923, -134.1624



29.3507, 62.6506, -171.9305



24.2947, 60.1371, -128.0408



34.2037, -0.8622, -1.8960



18.8169, 37.7147, -104.9346



5.3958, 5.8734, -19.4231

Inverse Universe

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



36.5587, 62.8711, 21.5263



46.2610, 79.5277, 27.5337



70.5273, -41.8373, 42.7250



34.4044, 1.4278, 2.2958



29.0322, 49.9628, 16.8667



6.9331, 12.0661, 2.9852

Previews

White Background



This preview shows how the HunterLab color 23.4200, 48.5887, -134.1620 looks on a white background.

Color Contrast Check

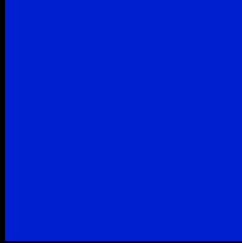
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4200, 48.5887, -134.1620 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 23.4200, 48.5887, -134.1620 Background



This preview shows how black text looks on a background with the HunterLab color 23.4200, 48.5887, -134.1620.



This preview shows how white text looks on a background with the HunterLab color 23.4200, 48.5887, -134.1620.

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

23.4200, 48.5887, -134.1620

Protanopia

23.2724, 6.8778, -43.9356

Deuteranopia

23.4394, -1.2465, -26.6063



Tritanopia

23.3401, -11.6007, -4.1305

Trichromacy



Original Color

23.4200, 48.5887, -134.1620

Protanomaly

22.4259, 21.7331, -74.9458

Deuteranomaly

22.0692, 15.6627, -61.3959

Tritanomaly

21.2292, 6.6956, -40.9885

Monochromacy



Original Color

23.4200, 48.5887, -134.1620

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

16.0579, 11.2872, -36.3209

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.4200, 48.5887, -134.1620 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, 31, 207)` looks like.

```
.text, #text, p{  
    color:rgb(0, 31, 207)  
}
```

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, 31, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 31, 207) }
```

Border

The CSS property to change the border of an element to HunterLab 23.4200, 48.5887, -134.1620 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, 31, 207) }
```


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

```
.border{ border-color:rgb(0, 31, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 31, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 31, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 31, 207);  
box-shadow:4px 4px 4px 4px rgb(0, 31, 207)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.4200, 48.5887, -134.1620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 31, 207) }
```

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

```
.background{ background-color: rgb(0, 31,  
207) }
```

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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