

Converting Colors

HunterLab(23.8504, 44.8045,
-126.5309)

Have a look what the booklet for
HunterLab(23.8504, 44.8045,
-126.5309) contains.

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Color

**HunterLab(23.8386, 44.8472,
-126.6083)**

Conversions

Conversions Part 1

Format	Color
Hex	0025CC
RGB	0, 37, 204
RGB Percent	0%, 15%, 80%
CMY	0.9998, 0.8549, 0.2000
CMYK	1.00, 0.82, 0.00, 0.20
HSL	229°, 100%, 40%
HSV	229°, 100%, 80%
XYZ	11.5607, 5.6828, 57.6144
YIQ	44.9750, -75.6590, 44.0930

Conversions

Conversions Part 2

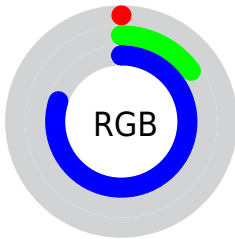
Format	Color
R _{YB}	0, 31, 204
Decimal	9676
CIE Lab	28.60, 55.51, -84.87
CIE LCh	29, 101.412, 303.184
Yxy	5.6828, 0.1544, 0.0759
Android (android.graphics.Color)	4278199756 (0xFF0025CC)
YUV	44.9750, 78.3993, -39.4431
Hunter-Lab	23.8386, 44.8472, -126.6083

Details

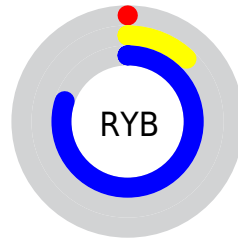
The HunterLab color **23.8386, 44.8472, -126.6083** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **63.6349, -2.7196, 39.1627**, and the grayscale version is **15.9628, -0.8517, 0.8673**.

A 20% lighter version of the original color is **41.0105, 46.1276, -110.6989**, and **14.6223, 39.6630, -103.8977** is the 20% darker color. If you saturate the color by 10%, you get **23.8330, 44.8675, -126.6452**, and if you desaturate by 10%, it is **26.6900, 36.9047, -109.8113**.

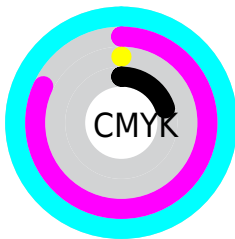
Distribution



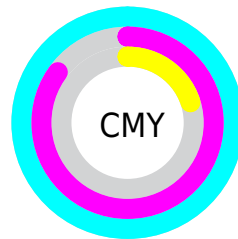
- Red (0%)
- Green (15%)
- Blue (80%)



- Red (0%)
- Yellow (12%)
- Blue (80%)



- Cyan (100%)
- Magenta (82%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (85%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.8386, 44.8472, -126.6083 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 23.8386, 44.8472, -126.6083 by changing the saturation by 10% instead.

■ 23.8386, 44.8472,
-126.6083

■ 23.8386, 44.8472,
-126.6083

■ 124.9883, 60.1961,
-118.0533

■ 16.2886, 42.8975,
-138.1507

■ 41.5565, 48.9085,
-117.6795

■ 9.7646, 41.4951,
-163.5813

■ 51.5705, 50.8277,
-116.1602

0.0000, INF, -NF

0.0000, NaN, -NF

■ 62.2803, 52.6430,
-115.5595

0.0000, NaN, -NF

■ 73.6434, 54.3518,
-115.5321

0.0000, NaN, -NF

■ 85.6241, 55.9566,
-115.8743

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.1922, 57.4620,

-116.4591

111.3212, 58.8734,
-117.2039

23.8386, 44.8472,
-126.6083

23.8386, 44.8472,
-126.6083

23.8330, 44.8675,
-126.6452

26.6900, 36.9047,
-109.8113

30.4286, 29.0118,
-92.0541

34.9193, 21.9876,
-75.0949

40.0009, 16.0322,
-59.7458

45.5465, 11.0702,
-46.1056

■ 51.4629, 6.9399,
-33.9830

■ 57.6822, 3.4775,
-23.1150

■ 64.1550, 0.5444,
-13.2535

■ 70.8444, -1.9700,
-4.1905

Harmonies

Analogous

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



23.8387, 2.3871, -174.7002



23.8386, 44.8472, -126.6083



23.8387, 86.9695, -45.7571

Triad

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



23.8387, 44.8505, -126.6085



23.8387, 35.0209, 16.6871



23.8387, -37.6943, -2.3381

Complementary

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



23.8386, 44.8472, -126.6083



63.6349, -2.7196, 39.1627

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.



23.8387, -35.7294, 16.0686



23.8386, 44.8472, -126.6083



23.8387, -4.7252, 16.6871

Square

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



23.8387, 44.8505, -126.6085



23.8387, 79.4309, 16.6871



23.8387, -27.1652, 16.6871



23.8387, -34.6725, -61.8756

Rectangle

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



23.8386, 44.8472, -126.6083



23.8387, 101.3896, -7.1193



23.8387, -27.1652, 16.6871



23.8387, -37.5919, 7.4521

Sweetspot

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



23.8387, 44.8505, -126.6085



73.8927, 4.6450, -30.2977



67.7952, -43.5174, 9.2060



32.5874, 2.9924, -16.7105

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



23.8387, 44.8505, -126.6085



30.3140, 59.0339, -165.3271



23.3923, 58.6854, -129.3527



33.4174, -0.9875, -1.7283



19.1676, 34.6716, -98.8037



5.4036, 4.7189, -16.9408

Inverse Universe

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



36.0167, 62.0432, 20.3988



46.3237, 79.7598, 26.6065



69.7932, -39.5029, 42.3135



33.5355, 1.4273, 2.1133



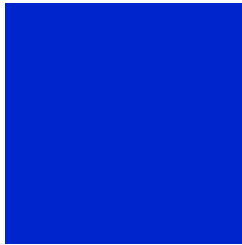
28.5900, 49.2896, 15.9288



6.5728, 11.4872, 2.4563

Previews

White Background



This preview shows how the HunterLab color 23.8386, 44.8472, -126.6083 looks on a white background.

Color Contrast Check

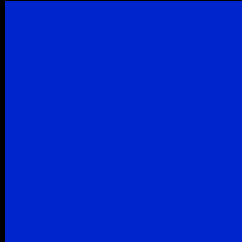
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.8386, 44.8472, -126.6083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

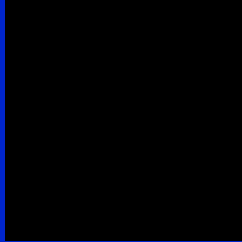
Any Text WCAG AA × Fail

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 23.8386, 44.8472, -126.6083 Background



This preview shows how black text looks on a background with the HunterLab color 23.8386, 44.8472, -126.6083.



This preview shows how white text looks on a background with the HunterLab color 23.8386, 44.8472, -126.6083.

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

23.8386, 44.8472, -126.6083

Protanopia

23.6363, 7.0117, -44.6795

Deuteranopia

23.8006, -1.1441, -27.2788



Tritanopia

23.6573, -11.7673, -4.1672

Trichromacy



Original Color

23.8386, 44.8472, -126.6083

Protanomaly

23.0339, 20.1304, -72.2462

Deuteranomaly

22.7948, 14.4376, -59.6583

Tritanomaly

21.8923, 4.9581, -38.0665

Monochromacy



Original Color

23.8386, 44.8472, -126.6083

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

17.0188, 9.8929, -34.0437

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.8386, 44.8472, -126.6083 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, 37, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 37, 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(0, 37, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 37, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 23.8386, 44.8472, -126.6083 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, 37, 204) }
```


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

```
.border{ border-color:rgb(0, 37, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 37, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 37, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 37, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 37, 204)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.8386, 44.8472, -126.6083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 37, 204) }
```

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

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