

Converting Colors

HunterLab(24.7764, 41.5716,
-120.7095)

Have a look what the booklet for
HunterLab(24.7764, 41.5716,
-120.7095) contains.

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Color

**HunterLab(24.8214, 41.4193,
-120.4369)**

Conversions

Conversions Part 1

Format	Color
Hex	002CCC
RGB	0, 44, 204
RGB Percent	0%, 17%, 80%
CMY	0.9998, 0.8275, 0.2000
CMYK	1.00, 0.78, 0.00, 0.20
HSL	227°, 100%, 40%
HSV	227°, 100%, 80%
XYZ	11.7998, 6.1610, 57.6941
YIQ	49.0840, -77.5840, 40.4320

Conversions

Conversions Part 2

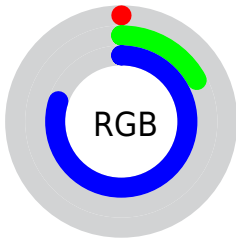
Format	Color
RYB	0, 36, 204
Decimal	11468
CIELab	29.82, 51.95, -82.85
CIELCh	30, 97.791, 302.092
Yxy	6.1611, 0.1560, 0.0814
Android (android.graphics.Color)	4278201548 (0xFF002CCC)
YUV	49.0840, 76.3736, -43.0467
Hunter-Lab	24.8214, 41.4193, -120.4369

Details

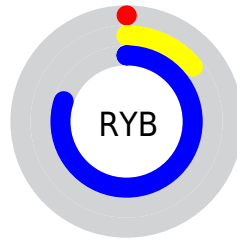
The HunterLab color **24.8214, 41.4193, -120.4369** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **61.6414, 0.6665, 37.9936**, and the grayscale version is **17.3292, -0.9246, 0.9415**.

A 20% lighter version of the original color is **42.2106, 42.7873, -106.1292**, and **14.6963, 39.3365, -103.2854** is the 20% darker color. If you saturate the color by 10%, you get **24.8154, 41.4398, -120.4737**, and if you desaturate by 10%, it is **27.8296, 33.4791, -103.9725**.

Distribution



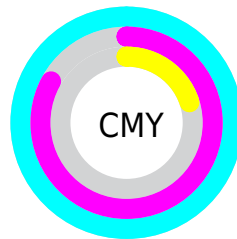
- Red (0%)
- Green (17%)
- Blue (80%)



- Red (0%)
- Yellow (14%)
- Blue (80%)



- Cyan (100%)
- Magenta (78%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (83%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.8214, 41.4193, -120.4369 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 24.8214, 41.4193, -120.4369 by changing the saturation by 10% instead.

■ 24.8214, 41.4193,
-120.4369

■ 24.8214, 41.4193,
-120.4369

■ 126.6881, 55.6882,
-114.2489

■ 17.1559, 39.4698,
-130.2025

■ 42.7369, 45.2948,
-112.9622

■ 10.4985, 37.8503,
-151.4334

■ 52.8382, 47.0914,
-111.7756

0.0000, INF, -NF

■ 63.6297, 48.7781,
-111.3909

0.0000, NaN, -NF

■ 75.0697, 50.3562,
-111.5070

0.0000, NaN, -NF

■ 87.1235, 51.8305,
-111.9449

0.0000, NaN, NaN

■ 99.7612, 53.2068,

0.0000, NaN, NaN

-112.5925

112.9569, 54.4908,
-113.3769

■ 24.8214, 41.4193,
-120.4369

■ 24.8214, 41.4193,
-120.4369

■ 24.8154, 41.4398,
-120.4737

■ 27.8296, 33.4791,
-103.9725

■ 31.6187, 25.9170,
-87.1850

■ 36.0769, 19.3286,
-71.3159

■ 41.0676, 13.8100,
-56.9278

■ 46.4830, 9.2573,
-44.0621

■ 52.2419, 5.5102,
-32.5465

■ 58.2846, 2.4138,
-22.1556

■ 64.5665, -0.1628,
-12.6758

■ 71.0542, -2.3236,
-3.9261

Harmonies

Analogous

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



24.8215, 0.9990, -162.0430



24.8214, 41.4193, -120.4369



24.8215, 81.6813, -45.7631

Triad

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



24.8215, 41.4223, -120.4368



24.8215, 35.2681, 17.3750



24.8215, -38.0327, -0.9205

Complementary

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



24.8214, 41.4193, -120.4369



61.6414, 0.6665, 37.9936

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.



24.8215, -35.9468, 16.4343



24.8214, 41.4193, -120.4369



24.8215, -3.5680, 17.3750

Square

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



24.8215, 41.4223, -120.4368



24.8215, 77.0215, 17.3750



24.8215, -26.5854, 17.3750



24.8215, -35.2012, -55.6208

Rectangle

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



24.8214, 41.4193, -120.4369



24.8215, 96.0032, -8.3113



24.8215, -26.5854, 17.3750



24.8215, -37.8809, 8.2239

Sweetspot

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



24.8215, 41.4223, -120.4368



74.6778, 3.2569, -29.0402



67.6149, -44.6129, 11.7962



32.9966, 2.2579, -16.0144

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



24.8215, 41.4223, -120.4368



31.5398, 54.6779, -157.4559



22.9243, 58.2643, -132.6042



33.5103, -1.1438, -1.6120



19.9718, 31.9239, -93.8776



5.6612, 4.0725, -15.8672

Inverse Universe

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



36.0836, 62.2910, 19.4103



46.4062, 80.0654, 25.3871



70.2258, -37.7822, 42.6103



33.5449, 1.4776, 1.9798



28.6455, 49.4950, 15.1098



6.5947, 11.5675, 2.1381

Previews

White Background



This preview shows how the HunterLab color 24.8214, 41.4193, -120.4369 looks on a white background.

Color Contrast Check

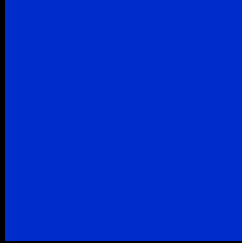
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8214, 41.4193, -120.4369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

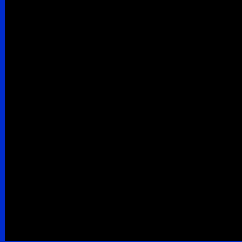
Any Text WCAG AA × Fail

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 24.8214, 41.4193, -120.4369 Background



This preview shows how black text looks on a background with the HunterLab color 24.8214, 41.4193, -120.4369.



This preview shows how white text looks on a background with the HunterLab color 24.8214, 41.4193, -120.4369.

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

24.8214, 41.4193, -120.4369

Protanopia

24.7334, 7.4160, -46.9237

Deuteranopia

24.7902, -1.3776, -28.0117



Tritanopia

24.6130, -12.2695, -4.2778

Trichromacy



Original Color

24.8214, 41.4193, -120.4369

Protanomaly

24.1755, 19.3858, -72.0656

Deuteranomaly

23.8319, 13.0347, -57.9260

Tritanomaly

23.2439, 3.2043, -35.9701

Monochromacy



Original Color

24.8214, 41.4193, -120.4369

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

18.2873, 8.3232, -31.9156

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.8214, 41.4193, -120.4369 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, 44, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 44, 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, 44, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 44, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 24.8214, 41.4193, -120.4369 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, 44, 204) }
```


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

```
.border{ border-color:rgb(0, 44, 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, 44, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 44, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 44, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 44, 204)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.8214, 41.4193, -120.4369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 44, 204) }
```

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

```
.background{ background-color: rgb(0, 44,  
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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