

Converting Colors

HunterLab(29.2389, 39.2230,
-121.2172)

Have a look what the booklet for
HunterLab(29.2389, 39.2230,
-121.2172) contains.

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Color

**HunterLab(29.1644, 39.5493,
-121.8286)**

Conversions

Conversions Part 1

Format	Color
Hex	003CDE
RGB	0, 60, 222
RGB Percent	0%, 24%, 87%
CMY	0.9998, 0.7647, 0.1294
CMYK	1.00, 0.73, 0.00, 0.13
HSL	224°, 100%, 44%
HSV	224°, 100%, 87%
XYZ	14.8006, 8.5056, 69.9688
YIQ	60.5280, -87.7620, 37.6620

Conversions

Conversions Part 2

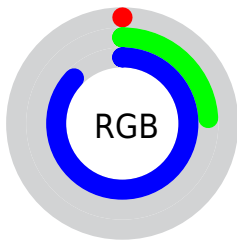
Format	Color
RYB	0, 47, 222
Decimal	15582
CIELab	35.01, 49.11, -84.63
CIELCh	35, 97.850, 300.127
Yxy	8.5057, 0.1587, 0.0912
Android (android.graphics.Color)	4278205662 (0xFF003CDE)
YUV	60.5280, 79.6057, -53.0831
Hunter-Lab	29.1644, 39.5493, -121.8286

Details

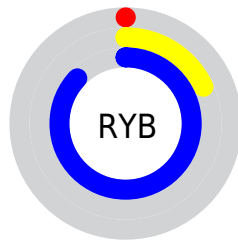
The HunterLab color **29.1644, 39.5493, -121.8286** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **64.3359, 6.8691, 39.7622**, and the grayscale version is **21.2002, -1.1312, 1.1518**.

A 20% lighter version of the original color is **45.9709, 34.4723, -93.0877**, and **17.6565, 39.7873, -107.9585** is the 20% darker color. If you saturate the color by 10%, you get **29.1567, 39.5732, -121.8706**, and if you desaturate by 10%, it is **32.6253, 31.1001, -104.9409**.

Distribution



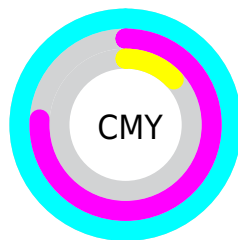
- Red (0%)
- Green (24%)
- Blue (87%)



- Red (0%)
- Yellow (18%)
- Blue (87%)



- Cyan (100%)
- Magenta (73%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (76%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.1644, 39.5493, -121.8286 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 29.1644, 39.5493, -121.8286 by changing the saturation by 10% instead.

■ 29.1644, 39.5493,
-121.8286

■ 29.1644, 39.5493,
-121.8286

■ 134.0323, 52.5361,
-118.1667

■ 21.0243, 37.6275,
-129.1762

■ 47.8999, 43.1699,
-116.0511

■ 13.8250, 35.7719,
-144.0757

■ 58.3658, 44.8140,
-115.1907

■ 7.4509, 36.6177,
-186.0076

■ 69.4992, 46.3466,
-115.0001

0.0000, INF, -NF

■ 81.2624, 47.7727,
-115.2366

0.0000, NaN, -NF

■ 93.6232, 49.0985,
-115.7518

0.0000, NaN, -NF

■ 106.5541, 50.3304,

0.0000, NaN, -NF

-116.4507

0.0000, NaN, NaN

120.0308, 51.4744,
-117.2701

■ 29.1644, 39.5493,
-121.8286

■ 29.1644, 39.5493,
-121.8286

■ 29.1567, 39.5732,
-121.8706

■ 32.6253, 31.1001,
-104.9409

■ 36.8027, 23.4112,
-88.2463

■ 41.6046, 16.8750,
-72.5520

■ 46.9158, 11.4962,
-58.2241

■ 52.6426, 7.1412,
-45.2709

■ 58.7119, 3.6420,
-33.5462

■ 65.0685, 0.8417,
-22.8607

■ 71.6700, -1.3919,
-13.0317

■ 78.4839, -3.1655,
-3.9006

Harmonies

Analogous

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



29.1646, -1.4117, -157.0754



29.1644, 39.5493, -121.8286



29.1646, 80.6651, -50.2563

Triad

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



29.1646, 39.5522, -121.8282



29.1646, 39.1746, 20.4152



29.1646, -42.5788, 1.4484

Complementary

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



29.1644, 39.5493, -121.8286



64.3359, 6.8691, 39.7622

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.



29.1646, -39.5770, 18.7619



29.1644, 39.5493, -121.8286



29.1646, -1.7034, 20.4152

Square

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



29.1646, 39.5522, -121.8282



29.1646, 80.3851, 18.8151



29.1646, -27.8580, 20.4152



29.1646, -39.5219, -50.8384

Rectangle

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



29.1644, 39.5493, -121.8286



29.1646, 96.2181, -11.3733



29.1646, -27.8580, 20.4152



29.1646, -42.2739, 10.4376

Sweetspot

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



29.1646, 39.5522, -121.8282



75.9375, 1.0603, -27.0563



73.9934, -51.3514, 18.3702



33.6543, 1.0968, -14.9183

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



29.1646, 39.5522, -121.8282



33.8529, 47.1106, -144.0115



24.3043, 63.3082, -152.5018



37.2056, -1.5324, -1.6224



22.8198, 29.4395, -92.0741



7.1215, 4.7782, -19.2160

Inverse Universe

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



39.8209, 69.0060, 19.3811



46.5704, 80.6724, 22.9679



78.2505, -37.5775, 47.5585



37.0959, 1.7674, 1.9525



30.7144, 53.2813, 14.5607



8.1771, 14.3616, 2.5084

Previews

White Background



This preview shows how the HunterLab color 29.1644, 39.5493, -121.8286 looks on a white background.

Color Contrast Check

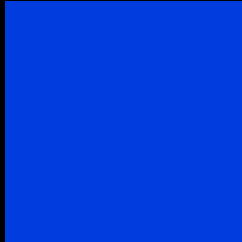
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1644, 39.5493, -121.8286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

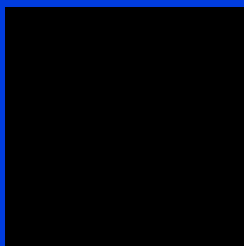
Any Text WCAG AA × Fail

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 29.1644, 39.5493, -121.8286 Background



This preview shows how black text looks on a background with the HunterLab color 29.1644, 39.5493, -121.8286.



This preview shows how white text looks on a background with the HunterLab color 29.1644, 39.5493, -121.8286.

-121.8286.

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

29.1644, 39.5493, -121.8286

Protanopia

28.9517, 9.5774, -56.8619

Deuteranopia

29.0689, -0.9415, -34.3012



Tritanopia

28.8560, -14.2957, -5.2071

Trichromacy



Original Color

29.1644, 39.5493, -121.8286

Protanomaly

28.6751, 20.0794, -79.1870

Deuteranomaly

28.4766, 12.4424, -62.4529

Tritanomaly

27.7314, 1.3621, -37.6023

Monochromacy



Original Color

29.1644, 39.5493, -121.8286

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

22.6382, 6.8694, -32.4684

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.1644, 39.5493, -121.8286 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, 60, 222)` looks like.

```
.text, #text, p{  
    color:rgb(0, 60, 222)  
}
```

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, 60, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 60, 222) }
```

Border

The CSS property to change the border of an element to HunterLab 29.1644, 39.5493, -121.8286 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, 60, 222) }
```


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

```
.border{ border-color:rgb(0, 60, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 60, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 60, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 60, 222);  
box-shadow:4px 4px 4px 4px rgb(0, 60, 222)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.1644, 39.5493, -121.8286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 60, 222) }
```

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

```
.background{ background-color: rgb(0, 60,  
222) }
```

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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