

Converting Colors

HunterLab(25.3932, 39.5170,
-117.0451)

Have a look what the booklet for
HunterLab(25.3932, 39.5170,
-117.0451) contains.

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Color

**HunterLab(25.4431, 39.3537,
-116.7552)**

Conversions

Conversions Part 1

Format	Color
Hex	0030CC
RGB	0, 48, 204
RGB Percent	0%, 19%, 80%
CMY	0.9998, 0.8118, 0.2000
CMYK	1.00, 0.76, 0.00, 0.20
HSL	226°, 100%, 40%
HSV	226°, 100%, 80%
XYZ	11.9560, 6.4735, 57.7460
YIQ	51.4320, -78.6840, 38.3400

Conversions

Conversions Part 2

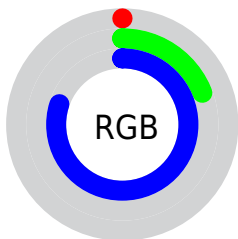
Format	Color
RYB	0, 39, 204
Decimal	12492
CIELab	30.58, 49.77, -81.58
CIELCh	31, 95.564, 301.383
Yxy	6.4736, 0.1570, 0.0850
Android (android.graphics.Color)	4278202572 (0xFF0030CC)
YUV	51.4320, 75.2160, -45.1059
Hunter-Lab	25.4431, 39.3537, -116.7552

Details

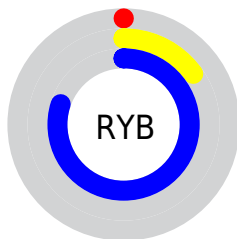
The HunterLab color **25.4431, 39.3537, -116.7552** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **60.5232, 2.6141, 37.3386**, and the grayscale version is **18.1180, -0.9667, 0.9844**.

A 20% lighter version of the original color is **42.9759, 40.3687, -103.3334**, and **14.9889, 38.0721, -100.9215** is the 20% darker color. If you saturate the color by 10%, you get **25.4372, 39.3734, -116.7902**, and if you desaturate by 10%, it is **28.5219, 31.4934, -100.6264**.

Distribution



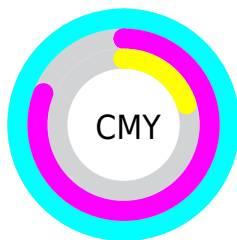
- Red (0%)
- Green (19%)
- Blue (80%)



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



- Cyan (100%)
- Magenta (76%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (81%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.4431, 39.3537, -116.7552 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 25.4431, 39.3537, -116.7552 by changing the saturation by 10% instead.

■ 25.4431, 39.3537,
-116.7552

■ 25.4431, 39.3537,
-116.7552

■ 127.7556, 52.9233,
-111.8983

■ 17.7063, 37.4253,
-125.5359

■ 43.4811, 43.0968,
-110.0998

■ 10.9667, 35.7221,
-144.5009

■ 53.6366, 44.8133,
-109.1019

■ 2.5277, 91.2208,
-425.0696

■ 64.4789, 46.4174,
-108.8397

0.0000, INF, -NF

■ 75.9669, 47.9127,
-109.0366

0.0000, NaN, -NF

■ 88.0661, 49.3047,
-109.5279

0.0000, NaN, -NF

■ 100.7472, 50.5998,

0.0000, NaN, NaN

-110.2099

0.0000, NaN, NaN

113.9845, 51.8041,
-111.0153

■ 25.4431, 39.3537,
-116.7552

■ 25.4431, 39.3537,
-116.7552

■ 25.4372, 39.3734,
-116.7902

■ 28.5219, 31.4934,
-100.6264

■ 32.3255, 24.1512,
-84.4381

■ 36.7551, 17.8189,
-69.1915

■ 41.6876, 12.5487,
-55.3411

■ 47.0242, 8.2272,
-42.9078

■ 52.6903, 4.6968,
-31.7325

■ 58.6301, 1.8078,
-21.6105

■ 64.8019, -0.5660,
-12.3471

■ 71.1737, -2.5254,
-3.7759

Harmonies

Analogous

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



25.4432, 0.1460, -154.6332



25.4431, 39.3537, -116.7552



25.4432, 78.5141, -45.7489

Triad

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



25.4432, 39.3566, -116.7550



25.4432, 35.4074, 17.8102



25.4432, -38.3101, -0.0714

Complementary

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



25.4431, 39.3537, -116.7552



60.5232, 2.6141, 37.3386

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.



25.4432, -36.0096, 16.6782



25.4431, 39.3537, -116.7552



25.4432, -2.8297, 17.8102

Square

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



25.4432, 39.3566, -116.7550



25.4432, 75.5474, 17.3291



25.4432, -26.1600, 17.8102



25.4432, -35.4953, -51.9845

Rectangle

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



25.4431, 39.3537, -116.7552



25.4432, 92.7712, -9.0604



25.4432, -26.1600, 17.8102



25.4432, -38.1221, 8.6973

Sweetspot

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



25.4432, 39.3566, -116.7550



75.1290, 2.4658, -28.3248



67.4436, -45.6557, 14.2613



33.2320, 1.8396, -15.6188

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



25.4432, 39.3566, -116.7550



32.3215, 52.0311, -152.7194



22.5062, 57.9017, -135.6123



33.5634, -1.2330, -1.5456



20.4769, 30.2807, -90.9618



5.8033, 3.7320, -15.3099

Inverse Universe

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



36.1272, 62.4526, 18.7662



46.4605, 80.2661, 24.5867



70.6819, -35.9808, 42.9229



33.5502, 1.5064, 1.9033



28.6815, 49.6279, 14.5798



6.6072, 11.6132, 1.9572

Previews

White Background



This preview shows how the HunterLab color 25.4431, 39.3537, -116.7552 looks on a white background.

Color Contrast Check

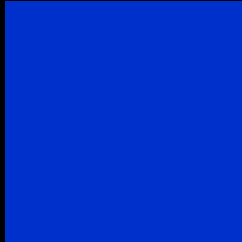
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4431, 39.3537, -116.7552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

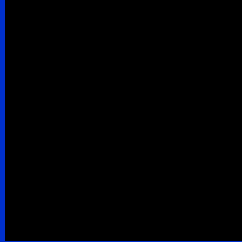
Any Text WCAG AA × Fail

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 25.4431, 39.3537, -116.7552 Background



This preview shows how black text looks on a background with the HunterLab color 25.4431, 39.3537, -116.7552.



This preview shows how white text looks on a background with the HunterLab color 25.4431, 39.3537, -116.7552.

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

25.4431, 39.3537, -116.7552

Protanopia

25.4080, 7.3725, -47.6728

Deuteranopia

25.2048, -1.0011, -29.3426



Tritanopia

25.2535, -12.6062, -4.3517

Trichromacy



Original Color

25.4431, 39.3537, -116.7552

Protanomaly

24.9705, 18.4763, -71.0960

Deuteranomaly

24.6587, 12.1525, -57.0549

Tritanomaly

23.8595, 2.8599, -35.9959

Monochromacy



Original Color

25.4431, 39.3537, -116.7552

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

19.1045, 7.5855, -31.2640

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.4431, 39.3537, -116.7552 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, 48, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 48, 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, 48, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 48, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 25.4431, 39.3537, -116.7552 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, 48, 204) }
```


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

```
.border{ border-color:rgb(0, 48, 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, 48, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 48, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 48, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 48, 204)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 25.4431, 39.3537, -116.7552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 48, 204) }
```

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

```
.background{ background-color: rgb(0, 48,  
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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