

Converting Colors

HunterLab(30.3169, 40.9489,
-126.2904)

Have a look what the booklet for
HunterLab(30.3169, 40.9489,
-126.2904) contains.

HunterLab(30.4437, 40.8904, -126.3226)	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(30.4437, 40.8904,
-126.3226)**

Conversions

Conversions Part 1

Format	Color
Hex	003FE6
RGB	0, 63, 230
RGB Percent	0%, 25%, 90%
CMY	0.9998, 0.7530, 0.0980
CMYK	1.00, 0.73, 0.00, 0.10
HSL	224°, 100%, 45%
HSV	224°, 100%, 90%
XYZ	16.0604, 9.2682, 75.8054
YIQ	63.2010, -91.1550, 38.5810

Conversions

Conversions Part 2

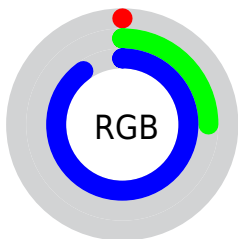
Format	Color
R _Y B	0, 49, 230
Decimal	16358
CIE Lab	36.50, 50.15, -86.75
CIE LCh	36, 100.204, 300.034
Yxy	9.2683, 0.1588, 0.0916
Android (android.graphics.Color)	4278206438 (0xFF003FE6)
YUV	63.2010, 82.2319, -55.4273
Hunter-Lab	30.4437, 40.8904, -126.3226

Details

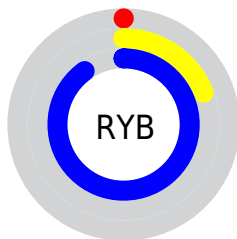
The HunterLab color **30.4437, 40.8904, -126.3226** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **66.6963, 7.6335, 41.2300**, and the grayscale version is **22.1168, -1.1801, 1.2016**.

A 20% lighter version of the original color is **46.8016, 33.1452, -90.4335**, and **18.7548, 41.3490, -112.7026** is the 20% darker color. If you saturate the color by 10%, you get **30.4353, 40.9165, -126.3685**, and if you desaturate by 10%, it is **34.0439, 32.0992, -108.8405**.

Distribution



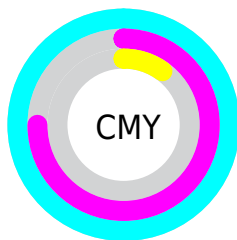
- Red (0%)
- Green (25%)
- Blue (90%)



- Red (0%)
- Yellow (19%)
- Blue (90%)



- Cyan (100%)
- Magenta (73%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (75%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.4437, 40.8904, -126.3226 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 30.4437, 40.8904, -126.3226 by changing the saturation by 10% instead.

■ 30.4437, 40.8904,
-126.3226

■ 30.4437, 40.8904,
-126.3226

■ 136.1495, 54.0589,
-122.4388

■ 22.1734, 38.9495,
-133.5967

■ 49.4063, 44.5457,
-120.4737

■ 14.8270, 37.0599,
-148.0279

■ 59.9737, 46.2087,
-119.5682

■ 8.4801, 36.1234,
-182.3211

■ 71.2026, 47.7611,
-119.3402

0.0000, INF, -NF

0.0000, NaN, -NF

■ 83.0562, 49.2079,
-119.5483

0.0000, NaN, -NF

■ 95.5031, 50.5550,
-120.0435

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 108.5163, 51.8087,

-120.7298

0.0000, NaN, NaN

122.0720, 52.9749,
-121.5430

■ 30.4437, 40.8904,
-126.3226

■ 30.4437, 40.8904,
-126.3226

■ 30.4353, 40.9165,
-126.3685

■ 34.0439, 32.0992,
-108.8405

■ 38.3870, 24.1143,
-91.5528

■ 43.3771, 17.3339,
-75.2945

■ 48.8958, 11.7610,
-60.4422

■ 54.8460, 7.2561,
-47.0062

■ 61.1524, 3.6446,
-34.8376

■ 67.7576, 0.7630,
-23.7424

■ 74.6177, -1.5264,
-13.5328

■ 81.6988, -3.3346,
-4.0453

Harmonies

Analogous

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



30.4439, -1.5857, -162.5550



30.4437, 40.8904, -126.3226



30.4439, 83.5430, -52.3010

Triad

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



30.4439, 40.8934, -126.3222



30.4439, 40.7891, 21.3107



30.4439, -44.3435, 1.6187

Complementary

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



30.4437, 40.8904, -126.3226



66.6963, 7.6335, 41.2300

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.



30.4439, -41.1827, 19.5580



30.4437, 40.8904, -126.3226



30.4439, -1.6664, 21.3107

Square

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



30.4439, 40.8934, -126.3222



30.4439, 83.4657, 19.5719



30.4439, -28.9207, 21.3107



30.4439, -41.1673, -52.4615

Rectangle

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



30.4437, 40.8904, -126.3226



30.4439, 99.7209, -11.9429



30.4439, -28.9207, 21.3107



30.4439, -44.0182, 10.9280

Sweetspot

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



30.4439, 40.8934, -126.3222



76.0219, 0.9145, -26.9249



77.0100, -53.4664, 19.1656



33.6984, 1.0198, -14.8458

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



30.4439, 40.8934, -126.3222



34.0218, 46.5877, -143.0938



25.2776, 65.8765, -158.8663



38.1129, -1.5869, -1.6576



23.2791, 29.6409, -93.0830



7.4296, 5.1140, -20.3261

Inverse Universe

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



41.4527, 71.8465, 20.0751



46.5829, 80.7183, 22.7852



81.4364, -39.1405, 49.4943



37.9901, 1.8266, 1.9832



31.2166, 54.1659, 14.6949



8.5756, 15.0543, 2.6854

Previews

White Background



This preview shows how the HunterLab color 30.4437, 40.8904, -126.3226 looks on a white background.

Color Contrast Check

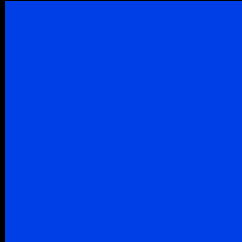
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4437, 40.8904, -126.3226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

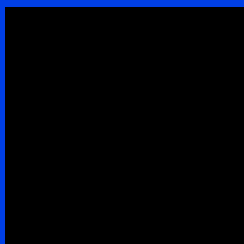
Any Text WCAG AA × Fail

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 30.4437, 40.8904, -126.3226 Background



This preview shows how black text looks on a background with the HunterLab color 30.4437, 40.8904, -126.3226.



This preview shows how white text looks on a background with the HunterLab color 30.4437, 40.8904, -126.3226.

-126.3226.

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

30.4437, 40.8904, -126.3226

Protanopia

30.0861, 10.0023, -59.1971

Deuteranopia

30.1953, -0.6134, -36.4173



Tritanopia

30.1737, -14.9878, -5.3602

Trichromacy



Original Color

30.4437, 40.8904, -126.3226

Protanomaly

29.8784, 20.9189, -82.5033

Deuteranomaly

29.6754, 13.2225, -65.6352

Tritanomaly

28.7977, 1.4209, -39.0619

Monochromacy



Original Color

30.4437, 40.8904, -126.3226

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

23.3696, 7.1523, -33.8532

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.4437, 40.8904, -126.3226 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, 63, 230)` looks like.

```
.text, #text, p{  
    color:rgb(0, 63, 230)  
}
```

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, 63, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 63, 230) }
```

Border

The CSS property to change the border of an element to HunterLab 30.4437, 40.8904, -126.3226 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, 63, 230) }
```


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

```
.border{ border-color:rgb(0, 63, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 63, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 63, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 63, 230);  
box-shadow:4px 4px 4px 4px rgb(0, 63, 230)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.4437, 40.8904, -126.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 63, 230) }
```

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

```
.background{ background-color: rgb(0, 63,  
230) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor