

Converting Colors

HunterLab(28.0380, 48.3887,
-139.0546)

Have a look what the booklet for
HunterLab(28.0380, 48.3887,
-139.0546) contains.

HunterLab(28.0706, 48.1130, -138.4336)	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(28.0706, 48.1130,
-138.4336)**

Conversions

Conversions Part 1

Format	Color
Hex	0431E5
RGB	4, 49, 229
RGB Percent	2%, 19%, 90%
CMY	0.9841, 0.8079, 0.1020
CMYK	0.98, 0.79, 0.00, 0.10
HSL	228°, 97%, 46%
HSV	228°, 98%, 90%
XYZ	15.2913, 7.8796, 74.8437
YIQ	56.0650, -84.6000, 46.4400

Conversions

Conversions Part 2

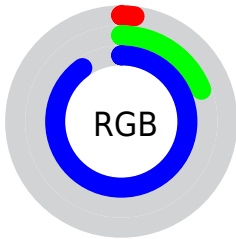
Format	Color
R _Y B	4, 42, 229
Decimal	274917
CIE Lab	33.73, 57.59, -90.76
CIE LCh	34, 107.490, 302.393
Yxy	7.8796, 0.1560, 0.0804
Android (android.graphics.Color)	4278464997 (0xFF0431E5)
YUV	56.0650, 85.2570, -45.6610
Hunter-Lab	28.0706, 48.1130, -138.4336

Details

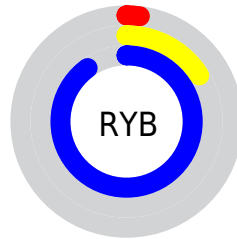
The HunterLab color **28.0706, 48.1130, -138.4336** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **71.3968, -1.2150, 43.8762**, and the grayscale version is **19.6532, -1.0486, 1.0678**.

A 20% lighter version of the original color is **44.0456, 40.8507, -99.4963**, and **17.3838, 46.2620, -121.5947** is the 20% darker color. If you saturate the color by 10%, you get **27.5525, 49.6740, -141.6702**, and if you desaturate by 10%, it is **31.5313, 38.9076, -119.2782**.

Distribution



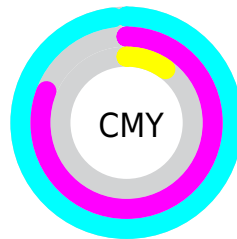
- Red (2%)
- Green (19%)
- Blue (90%)



- Red (2%)
- Yellow (16%)
- Blue (90%)



- Cyan (98%)
- Magenta (79%)
- Yellow (0%)
- Black (10%)



- Cyan (98%)
- Magenta (81%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.0706, 48.1130, -138.4336 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 28.0706, 48.1130, -138.4336 by changing the saturation by 10% instead.

■ 28.0706, 48.1130,
-138.4336

■ 28.0706, 48.1130,
-138.4336

■ 132.2062, 63.6223,
-130.1739

■ 20.0450, 46.0644,
-148.6029

■ 46.6070, 52.2231,
-129.9993

■ 12.9756, 44.3163,
-169.0787

■ 56.9841, 54.1530,
-128.4653

■ 6.4268, 50.0340,
-239.4633

■ 68.0341, 55.9794,
-127.8186

0.0000, INF, -NF

■ 79.7183, 57.7015,
-127.7426

0.0000, NaN, -NF

■ 92.0040, 59.3221,
-128.0444

0.0000, NaN, -NF

■ 104.8631, 60.8457,

0.0000, NaN, -NF

-128.6005

0.0000, NaN, NaN

118.2710, 62.2775,
-129.3290

■ 28.0706, 48.1130,
-138.4336

■ 28.0706, 48.1130,
-138.4336

■ 27.5525, 49.6740,
-141.6702

■ 31.5313, 38.9076,
-119.2782

■ 35.9597, 30.1488,
-99.5372

■ 41.1816, 22.5097,
-80.9550

■ 47.0295, 16.1048,
-64.1930

■ 53.3730, 10.8078,
-49.2698

■ 60.1155, 6.4284,
-35.9556

■ 67.1867, 2.7845,
-23.9675

■ 74.5345, -0.2751,
-13.0444

■ 82.1202, -2.8702,
-2.9687

Harmonies

Analogous

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



28.0707, 1.5552, -187.4661



28.0706, 48.1130, -138.4336



28.0707, 94.3782, -51.9549

Triad

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



28.0707, 48.1165, -138.4336



28.0707, 40.0135, 19.6495



28.0707, -43.2069, -1.4693

Complementary

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



28.0706, 48.1130, -138.4336



71.3968, -1.2150, 43.8762

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.



28.0707, -40.9540, 18.4171



28.0706, 48.1130, -138.4336



28.0707, -4.4285, 19.6495

Square

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



28.0707, 48.1165, -138.4336



28.0707, 88.2276, 19.5651



28.0707, -30.4933, 19.6495



28.0707, -39.9952, -64.9940

Rectangle

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



28.0706, 48.1130, -138.4336



28.0707, 110.6593, -9.0740



28.0707, -30.4933, 19.6495



28.0707, -43.0643, 9.1355

Sweetspot

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



28.0707, 48.1165, -138.4336



75.1330, 3.5040, -28.3002



77.1533, -50.0561, 11.8118



33.1611, 2.4098, -15.7298

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



28.0707, 48.1165, -138.4336



30.9555, 56.7215, -161.1372



26.6561, 66.0218, -147.3005



37.8827, -1.2007, -1.9452



21.1557, 36.4403, -105.1071



6.7837, 6.7616, -23.0753

Inverse Universe

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



41.1922, 70.5311, 22.4355



46.3665, 79.9183, 25.9738



79.7990, -43.8111, 48.3182



37.9669, 1.7016, 2.3148



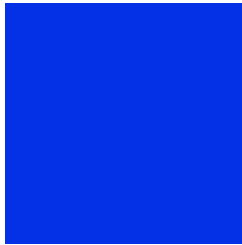
31.0637, 53.6009, 16.9460



8.5214, 14.8551, 3.4753

Previews

White Background



This preview shows how the HunterLab color 28.0706, 48.1130, -138.4336 looks on a white background.

Color Contrast Check

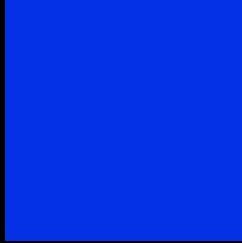
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0706, 48.1130, -138.4336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

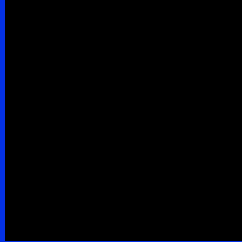
Any Text WCAG AA × Fail

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 28.0706, 48.1130, -138.4336 Background



This preview shows how black text looks on a background with the HunterLab color 28.0706, 48.1130, -138.4336.



This preview shows how white text looks on a background with the HunterLab color 28.0706, 48.1130, -138.4336.

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

28.0706, 48.1130, -138.4336

Protanopia

27.7614, 8.8331, -53.7674

Deuteranopia

27.6811, -0.8114, -32.8474



Tritanopia

27.8427, -13.9674, -4.6493

Trichromacy



Original Color

28.0706, 48.1130, -138.4336

Protanomaly

27.2134, 22.6770, -82.8347

Deuteranomaly

26.7675, 15.8168, -67.4661

Tritanomaly

26.1859, 4.2347, -41.7337

Monochromacy



Original Color

28.0706, 48.1130, -138.4336

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

20.6674, 10.1754, -37.1545

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.0706, 48.1130, -138.4336 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(4, 49, 229)` looks like.

```
.text, #text, p{  
    color:rgb(4, 49, 229)  
}
```

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(4, 49, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 49, 229) }
```

Border

The CSS property to change the border of an element to HunterLab 28.0706, 48.1130, -138.4336 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(4, 49, 229) }
```


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

```
.border{ border-color:rgb(4, 49, 229) }
```

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

Here you see how a box with a 4 pixel rgb(4, 49, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 49, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 49, 229);  
box-shadow:4px 4px 4px 4px rgb(4, 49, 229)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.0706, 48.1130, -138.4336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 49, 229) }
```

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

```
.background{ background-color: rgb(4, 49,  
229) }
```

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