

Converting Colors

HunterLab(51.3031, -13.2808,
-30.4252)

Have a look what the booklet for
HunterLab(51.3031, -13.2808,
-30.4252) contains.

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Color

**HunterLab(51.3433,
-13.3175, -30.2908)**

Conversions

Conversions Part 1

Format	Color
Hex	2996C6
RGB	41, 150, 198
RGB Percent	16%, 59%, 78%
CMY	0.8392, 0.4118, 0.2235
CMYK	0.79, 0.24, 0.00, 0.22
HSL	198°, 66%, 47%
HSV	198°, 79%, 78%
XYZ	22.0138, 26.3613, 57.3541
YIQ	122.8810, -80.3720, -8.1800

Conversions

Conversions Part 2

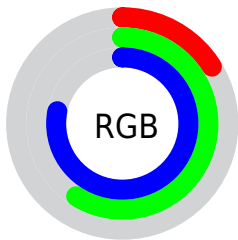
Format	Color
R _Y B	41, 105, 198
Decimal	2725574
CIE Lab	58.38, -13.54, -33.28
CIE LCh	58, 35.930, 247.867
Yxy	26.3623, 0.2082, 0.2493
Android (android.graphics.Color)	4280915654 (0xFF2996C6)
YUV	122.8810, 37.0337, -71.8096
Hunter-Lab	51.3433, -13.3175, -30.2908

Details

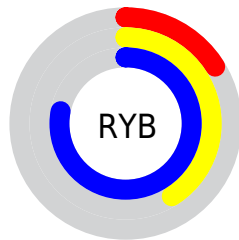
The HunterLab color **51.3433, -13.3175, -30.2908** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **43.9464, 33.8290, 24.8399**, and the grayscale version is **44.3433, -2.3660, 2.4093**.

A 20% lighter version of the original color is **73.3384, -15.8989, -31.5726**, and **33.0716, -6.6224, -27.0408** is the 20% darker color. If you saturate the color by 10%, you get **49.1628, -11.7041, -34.3432**, and if you desaturate by 10%, it is **53.7207, -14.2522, -26.1126**.

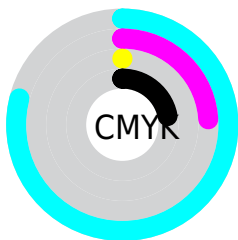
Distribution



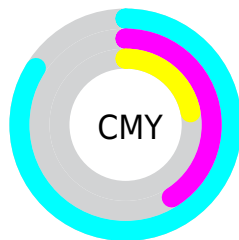
- Red (16%)
- Green (59%)
- Blue (78%)



- Red (16%)
- Yellow (41%)
- Blue (78%)



- Cyan (79%)
- Magenta (24%)
- Yellow (0%)
- Black (22%)



- Cyan (84%)
- Magenta (41%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.3433, -13.3175, -30.2908 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 51.3433, -13.3175, -30.2908 by changing the saturation by 10% instead.

■ 51.3433, -13.3175,
-30.2908

■ 51.3433, -13.3175,
-30.2908

168.6878,
-25.1018, -33.8652

■ 41.3459, -11.9813,
-29.6781

■ 73.3885, -15.9401,
-31.4273

■ 32.0969, -10.6147,
-29.0796

■ 85.3561, -17.2409,
-31.9284

■ 23.6638, -9.1982,
-28.5747

■ 97.9116, -18.5404,
-32.3784

■ 16.1346, -7.6991,
-28.3628

■ 111.0287,
-19.8417, -32.7765

■ 9.6349, -6.6484,
-29.0374

■ 124.6843,
-21.1469, -33.1231

0.0000, NaN, -NF

0.0000, NaN, -NF

138.8579,

-22.4578, -33.4191

0.0000, NaN, NaN

153.5312,
-23.7757, -33.6659

0.0000, NaN, NaN

■ 51.3433, -13.3175,
-30.2908

■ 51.3433, -13.3175,
-30.2908

■ 49.1628, -11.7041,
-34.3432

■ 53.7207, -14.2522,
-26.1126

■ 47.1519, -9.5130,
-38.2918

■ 56.2929, -14.5051,
-21.8377

■ 47.0109, -9.3493,
-38.5772

■ 59.0558, -14.0994,
-17.4954

■ 62.0014, -13.0746,
-13.1141

■ 65.1199, -11.4792,
-8.7179

■ 68.4007, -9.3650,
-4.3261

■ 71.8333, -6.7832,
0.0471

■ 75.4072, -3.7827,
4.3918

■ 79.1126, -0.4086,
8.7017

Harmonies

Analogous

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



51.3442, -23.8776, -17.4166



51.3433, -13.3175, -30.2908



51.3442, 1.3283, -33.1714

Triad

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



51.3442, -13.3171, -30.2898



51.3442, 29.6093, 6.4639



51.3442, -19.5116, 20.2827

Complementary

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



51.3433, -13.3175, -30.2908



43.9464, 33.8290, 24.8399

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.



51.3442, -6.6900, 23.4419



51.3433, -13.3175, -30.2908



51.3442, 22.4840, 17.1238

Square

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



51.3442, -13.3171, -30.2898



51.3442, 27.3008, -8.8486



51.3442, 8.7642, 22.4838



51.3442, -27.1527, 12.2223

Rectangle

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



51.3433, -13.3175, -30.2908



51.3442, 11.6770, -28.4386



51.3442, 8.7642, 22.4838



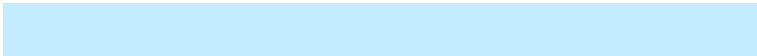
51.3442, -15.7274, 21.8275

Sweetspot

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



51.3442, -13.3171, -30.2898



88.7805, -13.9716, -8.7200



64.4722, -49.4932, 30.3487



40.3500, -6.9142, -5.0127

0.0000, NaN, NaN



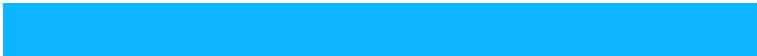
46.2646, -2.4686, 2.5136

Same Dimension

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



51.3442, -13.3171, -30.2898



63.5011, -13.5230, -49.4415



30.3923, 25.8202, -85.0461



33.9102, -3.2167, 0.0020



38.1172, -7.8517, -30.6935



9.0091, -2.7502, -5.3236

Inverse Universe

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



39.7426, 63.3399, -17.4492



49.8748, 90.6448, -19.6058



62.9749, -4.0964, 36.7569



32.8013, 2.1298, 0.0673



30.0112, 55.3904, -11.5781



6.6254, 12.3915, -3.8224

Previews

White Background



This preview shows how the HunterLab color 51.3433, -13.3175, -30.2908 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 51.3433, -13.3175, -30.2908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

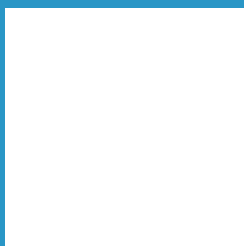
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 51.3433, -13.3175, -30.2908 Background



This preview shows how black text looks on a background with the HunterLab color 51.3433, -13.3175, -30.2908.



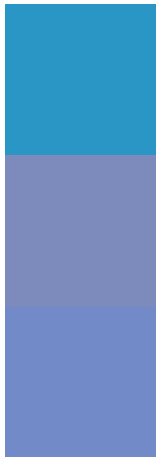
This preview shows how white text looks on a background with the HunterLab color 51.3433, -13.3175, -30.2908.

-13.3175, -30.2908.

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

51.3433, -13.3175, -30.2908

Protanopia

51.1544, 3.3790, -23.5633

Deuteranopia

51.0283, 4.1034, -32.6897



Tritanopia

51.2179, -24.4723, -11.1893

Trichromacy



Original Color

51.3433, -13.3175, -30.2908

Protanomaly

50.5287, -4.3357, -27.4565

Deuteranomaly

50.5874, -3.4094, -32.9320

Tritanomaly

51.0866, -20.8335, -17.7684

Monochromacy



Original Color

51.3433, -13.3175, -30.2908

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

46.1565, -9.5898, -8.7909

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.3433, -13.3175, -30.2908 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(41, 150, 198)` looks like.

```
.text, #text, p{  
    color:rgb(41, 150, 198)  
}
```

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(41, 150, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 150, 198) }
```

Border

The CSS property to change the border of an element to HunterLab 51.3433, -13.3175, -30.2908 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(41, 150, 198) }
```


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

```
.border{ border-color:rgb(41, 150, 198) }
```

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

Here you see how a box with a 4 pixel rgb(41, 150, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 150, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 150, 198);  
box-shadow:4px 4px 4px 4px rgb(41, 150,  
198) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.3433, -13.3175, -30.2908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 150, 198) }
```

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

```
.background{ background-color: rgb(41, 150,  
198) }
```

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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