

Converting Colors

HunterLab(51.3725, -13.2908,
-30.1744)

Have a look what the booklet for
HunterLab(51.3725, -13.2908,
-30.1744) contains.

HunterLab(51.3636, -13.2428, -30.2527)	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>	30

Color

**HunterLab(51.3636,
-13.2428, -30.2527)**

Conversions

Conversions Part 1

Format	Color
Hex	2A96C6
RGB	42, 150, 198
RGB Percent	16%, 59%, 78%
CMY	0.8352, 0.4118, 0.2235
CMYK	0.79, 0.24, 0.00, 0.22
HSL	198°, 65%, 47%
HSV	198°, 79%, 78%
XYZ	22.0543, 26.3822, 57.3561
YIQ	123.1800, -79.7760, -7.9680

Conversions

Conversions Part 2

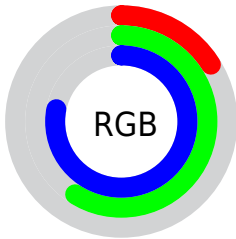
Format	Color
R_{YB}	42, 106, 198
Decimal	2791110
CIE _{Lab}	58.40, -13.43, -33.25
CIE _{LCh}	58, 35.861, 248.001
Yxy	26.3831, 0.2085, 0.2494
Android (android.graphics.Color)	4280981190 (0xFF2A96C6)
YUV	123.1800, 36.8863, -71.1949
Hunter-Lab	51.3636, -13.2428, -30.2527

Details

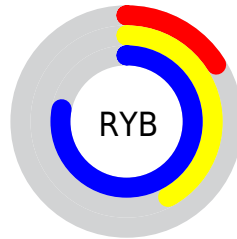
The HunterLab color **51.3636, -13.2428, -30.2527** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **44.1446, 33.3951, 24.8427**, and the grayscale version is **44.4602, -2.3723, 2.4156**.

A 20% lighter version of the original color is **73.3829, -15.7370, -31.4960**, and **33.0716, -6.6224, -27.0408** is the 20% darker color. If you saturate the color by 10%, you get **49.1623, -11.6446, -34.3432**, and if you desaturate by 10%, it is **53.7625, -14.1602, -26.0394**.

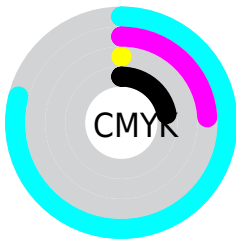
Distribution



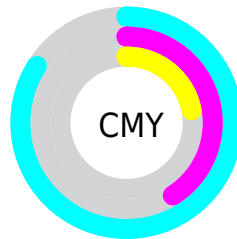
- Red (16%)
- Green (59%)
- Blue (78%)



- Red (16%)
- Yellow (42%)
- 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 51.3636, -13.2428, -30.2527 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 51.3636, -13.2428, -30.2527 by changing the saturation by 10% instead.

■ 51.3636, -13.2428,
-30.2527

■ 51.3636, -13.2428,
-30.2527

168.7180,
-24.9840, -33.8195

■ 41.3648, -11.9130,
-29.6404

■ 73.4114, -15.8540,
-31.3879

■ 32.1143, -10.5534,
-29.0418

■ 85.3802, -17.1496,
-31.8881

■ 23.6794, -9.1448,
-28.5362

■ 97.9368, -18.4442,
-32.3373

■ 16.1484, -7.6548,
-28.3217

■ 111.0549,
-19.7407, -32.7345

■ 9.6465, -6.5962,
-28.9887

■ 124.7115,
-21.0414, -33.0802

0.0000, NaN, -NF

138.8861,

0.0000, NaN, -NF

-22.3480, -33.3753

0.0000, NaN, NaN

153.5605,
-23.6619, -33.6212

0.0000, NaN, NaN

■ 51.3636, -13.2428,
-30.2527

■ 51.3636, -13.2428,
-30.2527

■ 49.1623, -11.6446,
-34.3432

■ 53.7625, -14.1602,
-26.0394

■ 47.1351, -9.4524,
-38.3250

■ 56.3565, -14.3960,
-21.7332

■ 46.8932, -9.1705,
-38.8159

■ 59.1411, -13.9745,
-17.3635

■ 62.1079, -12.9366,
-12.9585

■ 65.2471, -11.3311,
-8.5422

■ 68.5481, -9.2099,
-4.1332

■ 72.0000, -6.6244,
0.2547

■ 75.5927, -3.6233,
4.6120

■ 79.3162, -0.2516,
8.9326

Harmonies

Analogous

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



51.3645, -23.8106, -17.4428



51.3636, -13.2428, -30.2527



51.3645, 1.3895, -33.0723

Triad

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



51.3645, -13.2424, -30.2517



51.3645, 29.5318, 6.5182



51.3645, -19.5322, 20.2375

Complementary

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



51.3636, -13.2428, -30.2527



44.1446, 33.3951, 24.8427

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.



51.3645, -6.7497, 23.4153



51.3636, -13.2428, -30.2527



51.3645, 22.3838, 17.1403

Square

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



51.3645, -13.2424, -30.2517



51.3645, 27.2711, -8.7509



51.3645, 8.6731, 22.4753



51.3645, -27.1368, 12.1607

Rectangle

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



51.3636, -13.2428, -30.2527



51.3645, 11.7155, -28.3195



51.3645, 8.6731, 22.4753



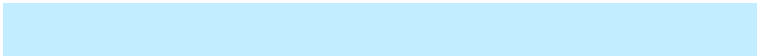
51.3645, -15.7611, 21.7887

Sweetspot

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



51.3645, -13.2424, -30.2517



88.7416, -13.9109, -8.7707



64.4975, -49.3695, 30.2292



40.3293, -6.8822, -5.0402

0.0000, NaN, NaN



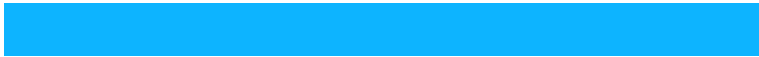
46.2646, -2.4686, 2.5136

Same Dimension

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



51.3645, -13.2424, -30.2517



63.3492, -13.2946, -49.7429



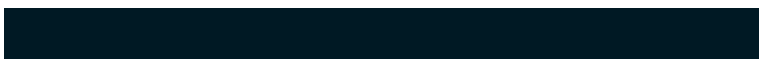
30.5983, 25.4694, -84.2239



33.9050, -3.2081, -0.0043



38.0233, -7.7099, -30.8823



8.9926, -2.7270, -5.3532

Inverse Universe

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



39.8307, 63.0491, -17.3049



49.8553, 90.5745, -19.3363



63.0386, -4.1613, 36.7099



32.8007, 2.1269, 0.0751



29.9992, 55.3473, -11.4118



6.6231, 12.3835, -3.7916

Previews

White Background



This preview shows how the HunterLab color 51.3636, -13.2428, -30.2527 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 51.3636, -13.2428, -30.2527 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

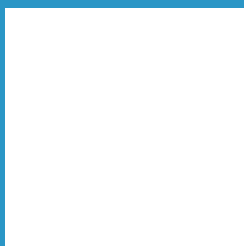
Any Text WCAG AAA × Fail

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

HunterLab 51.3636, -13.2428, -30.2527 Background



This preview shows how black text looks on a background with the HunterLab color 51.3636, -13.2428, -30.2527.



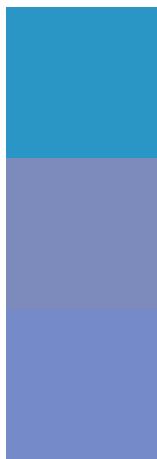
This preview shows how white text looks on a background with the HunterLab color 51.3636, -13.2428, -30.2527.

-13.2428, -30.2527.

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

51.3636, -13.2428, -30.2527

Protanopia

51.1544, 3.3790, -23.5633

Deuteranopia

51.0950, 4.3265, -32.5608

Trichromacy



Original Color

51.3636, -13.2428, -30.2527

Protanomaly

50.5813, -4.1510, -27.3600

Deuteranomaly

50.6359, -3.2399, -32.8377

Monochromacy



Original Color

51.3636, -13.2428, -30.2527

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

46.2134, -9.3834, -8.7066

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.3636, -13.2428, -30.2527 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(42, 150, 198)` looks like.

```
.text, #text, p{  
    color:rgb(42, 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(42, 150, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 150, 198) }
```

Border

The CSS property to change the border of an element to HunterLab 51.3636, -13.2428, -30.2527 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(42, 150, 198) }
```

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

```
.border{ border-color:rgb(42, 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(42, 150, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 150, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 150, 198);  
box-shadow:4px 4px 4px 4px rgb(42, 150,  
198) }
```


Background

The CSS property to change the background color of an element to HunterLab 51.3636, -13.2428, -30.2527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 150, 198) }
```

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

```
.background{ background-color: rgb(42, 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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