

Converting Colors

HunterLab(49.2018, -12.3685,
-30.6960)

Have a look what the booklet for
HunterLab(49.2018, -12.3685,
-30.6960) contains.

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Color

**HunterLab(49.1468,
-12.3068, -30.7961)**

Conversions

Conversions Part 1

Format	Color
Hex	2390C1
RGB	35, 144, 193
RGB Percent	14%, 56%, 76%
CMY	0.8627, 0.4353, 0.2431
CMYK	0.82, 0.25, 0.00, 0.24
HSL	199°, 69%, 45%
HSV	199°, 82%, 76%
XYZ	20.2920, 24.1541, 54.0448
YIQ	116.9950, -80.6930, -7.8690

Conversions

Conversions Part 2

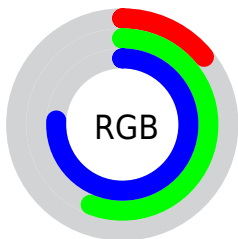
Format	Color
R_{YB}	35, 100, 193
Decimal	2330817
CIE Lab	56.24, -12.55, -33.80
CIE LCh	56, 36.053, 249.628
Yxy	24.1549, 0.2060, 0.2452
Android (android.graphics.Color)	4280520897 (0xFF2390C1)
YUV	116.9950, 37.4705, -71.9096
Hunter-Lab	49.1468, -12.3068, -30.7961

Details

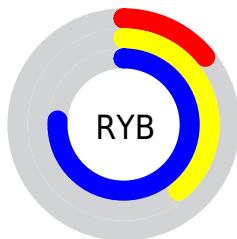
The HunterLab color **49.1468, -12.3068, -30.7961** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **42.1921, 33.9078, 24.3561**, and the grayscale version is **42.0592, -2.2442, 2.2852**.

A 20% lighter version of the original color is **71.0043, -14.8692, -32.0291**, and **31.4157, -5.7561, -26.8412** is the 20% darker color. If you saturate the color by 10%, you get **47.0526, -10.5464, -34.7653**, and if you desaturate by 10%, it is **51.4315, -13.4140, -26.7044**.

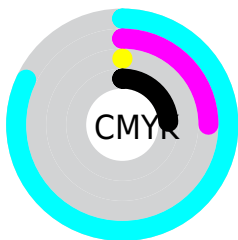
Distribution



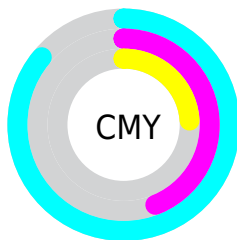
- Red (14%)
- Green (56%)
- Blue (76%)



- Red (14%)
- Yellow (39%)
- Blue (76%)



- Cyan (82%)
- Magenta (25%)
- Yellow (0%)
- Black (24%)



- Cyan (86%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.1468, -12.3068, -30.7961 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 49.1468, -12.3068, -30.7961 by changing the saturation by 10% instead.

■ 49.1468, -12.3068,
-30.7961

■ 49.1468, -12.3068,
-30.7961

165.4094,
-23.6745, -34.5673

■ 39.3047, -11.0268,
-30.1775

■ 70.9104, -14.8243,
-31.9669

■ 30.2238, -9.7191,
-29.5909

■ 82.7486, -16.0757,
-32.4898

■ 21.9755, -8.3642,
-29.1368

■ 95.1808, -17.3278,
-32.9629

■ 14.6540, -6.9283,
-29.0738

■ 108.1799,
-18.5832, -33.3846

■ 8.3132, -7.0226,
-30.6347

■ 121.7222,
-19.8442, -33.7550

0.0000, NaN, -NF

135.7867,

0.0000, NaN, -NF

-21.1123, -34.0746

0.0000, NaN, NaN

150.3547,
-22.3887, -34.3449

0.0000, NaN, NaN

■ 49.1468, -12.3068,
-30.7961

■ 49.1468, -12.3068,
-30.7961

■ 47.0526, -10.5464,
-34.7653

■ 51.4315, -13.4140,
-26.7044

■ 45.4580, -8.7423,
-37.9464

■ 53.9063, -13.8576,
-22.5171

■ 56.5679, -13.6552,
-18.2625

■ 59.4089, -12.8430,
-13.9690

■ 62.4198, -11.4668,
-9.6608

■ 65.5903, -9.5766,
-5.3575

■ 68.9101, -7.2227,
-1.0736

■ 72.3690, -4.4532,
3.1810

■ 75.9572, -1.3126,
7.3996

Harmonies

Analogous

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



49.1476, -23.0020, -18.3407



49.1468, -12.3068, -30.7961



49.1476, 2.3134, -32.9771

Triad

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



49.1476, -12.3064, -30.7951



49.1476, 29.3132, 7.0638



49.1476, -19.7669, 19.5161

Complementary

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



49.1468, -12.3068, -30.7961



42.1921, 33.9078, 24.3561

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.



49.1476, -7.3759, 22.8242



49.1468, -12.3068, -30.7961



49.1476, 21.7304, 17.2031

Square

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



49.1476, -12.3064, -30.7951



49.1476, 27.5796, -7.9146



49.1476, 7.8691, 22.1288



49.1476, -26.9358, 11.3323

Rectangle

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



49.1468, -12.3068, -30.7961



49.1476, 12.5283, -27.8050



49.1476, 7.8691, 22.1288



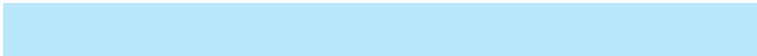
49.1476, -16.1393, 21.1039

Sweetspot

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



49.1476, -12.3064, -30.7951



86.2553, -13.7844, -9.2029



62.5407, -48.6460, 30.0401



39.2566, -6.7966, -5.2073



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



49.1476, -12.3064, -30.7951



60.9743, -11.7748, -50.4983



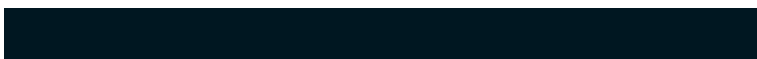
28.5940, 26.7661, -86.5261



32.9913, -3.1076, -0.0058



37.2714, -7.4311, -30.5443



8.4749, -2.6062, -4.9668

Inverse Universe

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



38.1499, 62.5074, -16.4056



48.4436, 88.6892, -17.5720



60.9016, -3.6670, 35.9140



31.9259, 2.0533, 0.0883



29.4696, 54.3490, -11.0447



6.2221, 11.6413, -3.6207

Previews

White Background



This preview shows how the HunterLab color 49.1468, -12.3068, -30.7961 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 49.1468, -12.3068, -30.7961 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

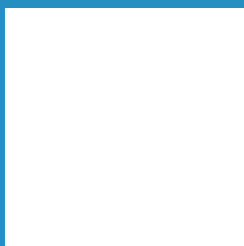
Any Text WCAG AAA × Fail

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

HunterLab 49.1468, -12.3068, -30.7961 Background



This preview shows how black text looks on a background with the HunterLab color 49.1468, -12.3068, -30.7961.



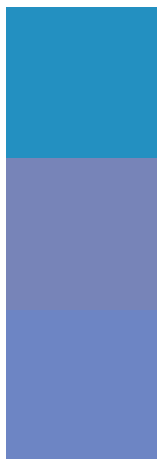
This preview shows how white text looks on a background with the HunterLab color 49.1468,

-12.3068, -30.7961.

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

49.1468, -12.3068, -30.7961

Protanopia

48.8724, 3.9954, -24.8286

Deuteranopia

49.0018, 4.0691, -32.9234



Tritanopia

49.0593, -23.3433, -10.9283

Trichromacy



Original Color

49.1468, -12.3068, -30.7961

Protanomaly

48.2399, -3.7605, -28.1236

Deuteranomaly

48.6059, -3.2552, -33.0849

Tritanomaly

48.9593, -19.5332, -18.0508

Monochromacy



Original Color

49.1468, -12.3068, -30.7961

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

43.8740, -9.1182, -9.3252

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.1468, -12.3068, -30.7961 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(35, 144, 193)` looks like.

```
.text, #text, p{  
    color:rgb(35, 144, 193)  
}
```

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(35, 144, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 144, 193) }
```

Border

The CSS property to change the border of an element to HunterLab 49.1468, -12.3068, -30.7961 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(35, 144, 193) }
```


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

```
.border{ border-color:rgb(35, 144, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 144, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 144, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 144, 193);  
box-shadow:4px 4px 4px 4px rgb(35, 144,  
193) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.1468, -12.3068, -30.7961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 144, 193) }
```

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

```
.background{ background-color: rgb(35, 144,  
193) }
```

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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