

Converting Colors

HunterLab(45.1071, -40.8538,
-45.8001)

Have a look what the booklet for
HunterLab(45.1071, -40.8538,
-45.8001) contains.

HunterLab(51.6464, -15.1369, -31.8772)	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(51.6464,
-15.1369, -31.8772)**

Conversions

Conversions Part 1

Format	Color
Hex	0098C9
RGB	0, 152, 201
RGB Percent	0%, 60%, 79%
CMY	0.9998, 0.4039, 0.2118
CMYK	1.00, 0.24, 0.00, 0.21
HSL	195°, 100%, 39%
HSV	195°, 100%, 79%
XYZ	21.7709, 26.6735, 59.2594
YIQ	112.1380, -106.3210, -16.9850

Conversions

Conversions Part 2

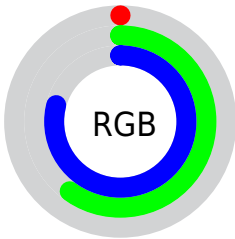
Format	Color
RYB	0, 87, 201
Decimal	39113
CIELab	58.67, -15.93, -34.55
CIELCh	59, 38.044, 245.244
Yxy	26.6744, 0.2021, 0.2477
Android (android.graphics.Color)	4278229193 (0xFF0098C9)
YUV	112.1380, 43.8090, -98.3450
Hunter-Lab	51.6464, -15.1369, -31.8772

Details

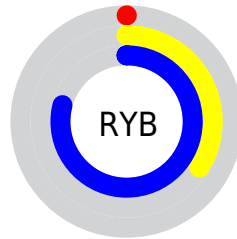
The HunterLab color **51.6464, -15.1369, -31.8772** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **38.2336, 50.6857, 24.4447**, and the grayscale version is **40.1781, -2.1438, 2.1830**.

A 20% lighter version of the original color is **73.4951, -18.6751, -31.3616**, and **33.7845, -6.7100, -27.7427** is the 20% darker color. If you saturate the color by 10%, you get **51.6435, -15.1325, -31.8831**, and if you desaturate by 10%, it is **53.3370, -16.7863, -28.8542**.

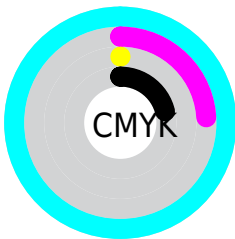
Distribution



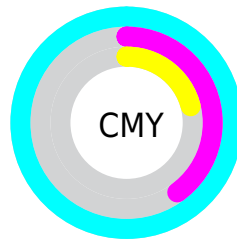
- Red (0%)
- Green (60%)
- Blue (79%)



- Red (0%)
- Yellow (34%)
- Blue (79%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (40%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.6464, -15.1369, -31.8772 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 51.6464, -15.1369, -31.8772 by changing the saturation by 10% instead.

■ 51.6464, -15.1369,
-31.8772

■ 51.6464, -15.1369,
-31.8772

169.1382,
-27.9254, -35.6992

■ 41.6279, -13.6533,
-31.2517

■ 73.7299, -18.0240,
-33.0569

■ 32.3562, -12.1258,
-30.6512

■ 85.7151, -19.4454,
-33.5843

■ 23.8980, -10.5305,
-30.1638

■ 98.2873, -20.8594,
-34.0624

■ 16.3409, -8.8273,
-30.0063

■ 111.4205,
-22.2698, -34.4896

■ 9.8087, -7.6374,
-30.8168

■ 125.0915,
-23.6796, -34.8660

0.0000, NaN, -NF

0.0000, NaN, -NF

139.2799,

-25.0910, -35.1922

0.0000, NaN, NaN

153.9676,
-26.5058, -35.4695

0.0000, NaN, NaN

■ 51.6464, -15.1369,
-31.8772

■ 51.6464, -15.1369,
-31.8772

■ 51.6435, -15.1325,
-31.8831

■ 53.3370, -16.7863,
-28.8542

■ 55.1767, -17.9048,
-25.6921

■ 57.1996, -18.3636,
-22.3537

■ 59.4115, -18.1433,
-18.8544

■ 61.8122, -17.2531,
-15.2177

■ 64.3975, -15.7217,
-11.4699

■ 67.1608, -13.5896,
-7.6366

■ 70.0938, -10.9038,
-3.7410

■ 73.1877, -7.7140,
0.1971

Harmonies

Analogous

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



51.6473, -25.7637, -17.3186



51.6464, -15.1369, -31.8772



51.6473, 0.1120, -36.1328

Triad

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



51.6473, -15.1364, -31.8762



51.6473, 31.9674, 5.4404



51.6473, -19.4933, 21.5937

Complementary

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



51.6464, -15.1369, -31.8772



38.2336, 50.6857, 24.4447

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.



51.6473, -5.5677, 24.4332



51.6464, -15.1369, -31.8772



51.6473, 25.1459, 17.1244

Square

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



51.6473, -15.1364, -31.8762



51.6473, 28.5941, -11.1607



51.6473, 10.9074, 23.0939



51.6473, -28.0540, 13.7202

Rectangle

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



51.6464, -15.1369, -31.8772



51.6473, 11.1716, -31.7053



51.6473, 10.9074, 23.0939



51.6473, -15.3528, 23.0369

Sweetspot

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



51.6473, -15.1364, -31.8762



87.7127, -17.9209, -10.2164



64.7910, -54.4291, 36.5163



39.8538, -8.8791, -5.7233

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.6473, -15.1364, -31.8762



67.2917, -19.3986, -42.2327



26.1185, 35.2474, -108.7286



34.0770, -3.4863, 0.2020



41.1322, -12.2574, -24.9514



9.5352, -3.4758, -4.4149

Inverse Universe

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



38.3219, 71.5364, -21.0945



50.1023, 93.4704, -27.0724



57.8047, 5.6426, 35.7164



32.8187, 2.2233, -0.1806



30.4104, 56.8147, -17.0619



6.6993, 12.6535, -4.8247

Previews

White Background



This preview shows how the HunterLab color 51.6464, -15.1369, -31.8772 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 51.6464, -15.1369, -31.8772 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

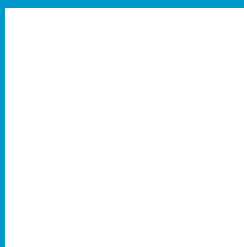
Any Text WCAG AAA × Fail

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

HunterLab 51.6464, -15.1369, -31.8772 Background



This preview shows how black text looks on a background with the HunterLab color 51.6464, -15.1369, -31.8772.



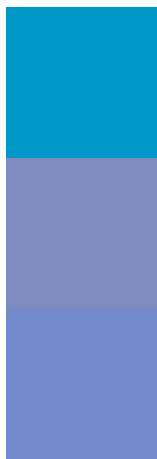
This preview shows how white text looks on a background with the HunterLab color 51.6464, -15.1369, -31.8772.

-15.1369, -31.8772.

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

51.6464, -15.1369, -31.8772

Protanopia

51.5198, 3.3325, -24.2578

Deuteranopia

51.4487, 4.3411, -34.0549



Tritanopia

51.5792, -24.6613, -11.2329

Trichromacy



Original Color

51.6464, -15.1369, -31.8772

Protanomaly

50.5441, -7.1584, -28.8508

Deuteranomaly

50.6703, -5.8864, -34.9916

Tritanomaly

51.7088, -21.5894, -18.0261

Monochromacy



Original Color

51.6464, -15.1369, -31.8772

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

43.0488, -12.2181, -10.0276

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.6464, -15.1369, -31.8772 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, 152, 201)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 201)  
}
```

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, 152, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 51.6464, -15.1369, -31.8772 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, 152, 201) }
```


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

```
.border{ border-color:rgb(0, 152, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 152, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 152, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 152, 201);  
box-shadow:4px 4px 4px 4px rgb(0, 152,  
201) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.6464, -15.1369, -31.8772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 152, 201) }
```

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

```
.background{ background-color: rgb(0, 152,  
201) }
```

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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