

Converting Colors

HunterLab(39.1114, -16.5231,
-13.2172)

Have a look what the booklet for
HunterLab(39.1114, -16.5231,
-13.2172) contains.

HunterLab(39.1114, -16.5231, -13.2172)	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(39.1114,
-16.5231, -13.2172)**

Conversions

Conversions Part 1

Format	Color
Hex	00788B
RGB	0, 120, 139
RGB Percent	0%, 47%, 55%
CMY	0.9999, 0.5294, 0.4549
CMYK	1.00, 0.14, 0.00, 0.45
HSL	188°, 100%, 27%
HSV	188°, 100%, 55%
XYZ	11.3767, 15.2970, 26.7791
YIQ	86.2860, -77.6190, -19.5310

Conversions

Conversions Part 2

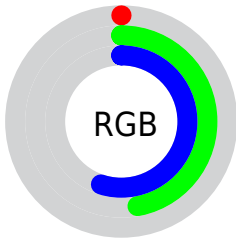
Format	Color
RYB	0, 64, 139
Decimal	30859
CIELab	46.04, -20.99, -18.34
CIELCh	46, 27.879, 221.146
Yxy	15.2976, 0.2128, 0.2862
Android (android.graphics.Color)	4278220939 (0xFF00788B)
YUV	86.2860, 25.9880, -75.6728
Hunter-Lab	39.1114, -16.5231, -13.2172

Details

The HunterLab color **39.1114, -16.5231, -13.2172** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **24.4038, 36.8808, 15.6818**, and the grayscale version is **30.5411, -1.6296, 1.6594**.

A 20% lighter version of the original color is **59.6460, -20.1775, -13.7507**, and **22.8643, -8.3443, -10.5654** is the 20% darker color. If you saturate the color by 10%, you get **39.1111, -16.5225, -13.2181**, and if you desaturate by 10%, it is **39.8143, -16.8275, -12.1361**.

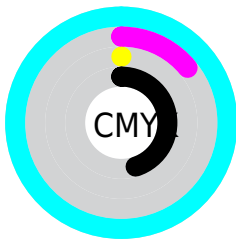
Distribution



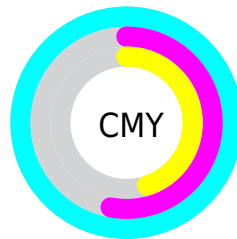
- Red (0%)
- Green (47%)
- Blue (55%)



- Red (0%)
- Yellow (25%)
- Blue (55%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.1114, -16.5231, -13.2172 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 39.1114, -16.5231, -13.2172 by changing the saturation by 10% instead.

39.1114, -16.5231,
-13.2172

39.1114, -16.5231,
-13.2172

150.0534,
-31.7056, -13.6246

30.0474, -14.6209,
-12.8601

59.4763, -20.1031,
-13.7219

21.8169, -12.5976,
-12.4405

70.6759, -21.8215,
-13.8750

14.5155, -10.3858,
-11.9884

82.5017, -23.5086,
-13.9666

8.1766, -11.6249,
-11.9278

94.9221, -25.1729,
-14.0006

0.0000, NaN, -NF

0.0000, NaN, NaN

107.9099,
-26.8205, -13.9803

0.0000, NaN, NaN

121.4414,

0.0000, NaN, NaN

-28.4561, -13.9091

0.0000, NaN, NaN

135.4955,
-30.0835, -13.7896

■ 39.1114, -16.5231,
-13.2172

■ 39.1114, -16.5231,
-13.2172

■ 39.1111, -16.5225,
-13.2181

■ 39.8143, -16.8275,
-12.1361

■ 40.5884, -16.8614,
-10.9660

■ 41.4682, -16.4966,
-9.6604

■ 42.4603, -15.7137,
-8.2194

■ 43.5680, -14.5088,
-6.6486

■ 44.7921, -12.8903,
-4.9576

■ 46.1316, -10.8755,
-3.1580

■ 47.5843, -8.4880,
-1.2627

■ 49.1466, -5.7552,
0.7154

Harmonies

Analogous

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



39.1121, -20.4400, -1.8829



39.1114, -16.5231, -13.2172



39.1121, -8.5726, -21.5420

Triad

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



39.1121, -16.5230, -13.2166



39.1121, 19.5532, -4.8037



39.1121, -6.0206, 16.9683

Complementary

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



39.1114, -16.5231, -13.2172



24.4038, 36.8808, 15.6818

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.



39.1121, 4.8465, 16.5831



39.1114, -16.5231, -13.2172



39.1121, 20.4278, 5.7563

Square

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



39.1121, -16.5230, -13.2166



39.1121, 12.5250, -15.8472



39.1121, 14.7989, 13.0190



39.1121, -14.8295, 14.2691

Rectangle

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



39.1114, -16.5231, -13.2172



39.1121, -1.6732, -23.2006



39.1121, 14.7989, 13.0190



39.1121, -2.5031, 17.1711

Sweetspot

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



39.1121, -16.5230, -13.2166



61.6095, -14.7494, -4.3908



43.0245, -36.5153, 25.0507



29.2466, -7.5853, -2.5446



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



39.1121, -16.5230, -13.2166



52.1689, -21.8906, -17.9510



20.5672, 14.7218, -57.4840



23.6094, -2.6401, 0.4239



37.1807, -15.7283, -12.5198



3.2673, -1.5805, -0.6719

Inverse Universe

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



26.1641, 49.9854, -23.2707



34.9861, 66.8043, -30.7997



35.3204, 9.6533, 21.9323



22.6217, 1.4824, -0.3299



24.8591, 47.5025, -22.1568



2.0630, 4.0006, -2.2924

Previews

White Background



This preview shows how the HunterLab color 39.1114, -16.5231, -13.2172 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 × Fail

Black Background



This preview shows how the HunterLab color 39.1114, -16.5231, -13.2172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

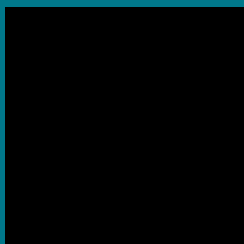
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 39.1114, -16.5231, -13.2172 Background



This preview shows how black text looks on a background with the HunterLab color 39.1114, -16.5231, -13.2172.



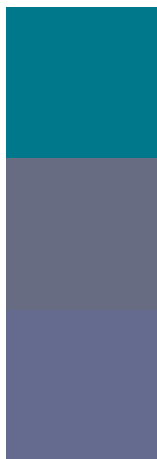
This preview shows how white text looks on a background with the HunterLab color 39.1114,

-16.5231, -13.2172.

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

39.1114, -16.5231, -13.2172

Protanopia

39.0895, 0.5501, -7.9365

Deuteranopia

39.0321, 2.6097, -14.7760



Tritanopia

39.1324, -18.6064, -8.7462

Trichromacy



Original Color

39.1114, -16.5231, -13.2172

Protanomaly

38.0001, -8.8420, -11.3620

Deuteranomaly

38.2118, -7.4689, -15.6844

Tritanomaly

39.2377, -17.9859, -10.2173

Monochromacy



Original Color

39.1114, -16.5231, -13.2172

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

32.5077, -10.2532, -4.5238

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.1114, -16.5231, -13.2172 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, 120, 139)` looks like.

```
.text, #text, p{  
    color:rgb(0, 120, 139)  
}
```

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, 120, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 120, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 39.1114, -16.5231, -13.2172 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, 120, 139) }
```


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

```
.border{ border-color:rgb(0, 120, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 120, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 120, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 120, 139);  
box-shadow:4px 4px 4px 4px rgb(0, 120,  
139) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.1114, -16.5231, -13.2172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 120, 139) }
```

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

```
.background{ background-color: rgb(0, 120,  
139) }
```

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