

Converting Colors

HunterLab(39.1071, -21.2936,
7.1215)

Have a look what the booklet for
HunterLab(39.1071, -21.2936,
7.1215) contains.

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Color

**HunterLab(39.0168,
-21.0935, 6.8562)**

Conversions

Conversions Part 1

Format	Color
Hex	337960
RGB	51, 121, 96
RGB Percent	20%, 47%, 38%
CMY	0.8000, 0.5255, 0.6235
CMYK	0.58, 0.00, 0.21, 0.53
HSL	159°, 41%, 34%
HSV	159°, 58%, 47%
XYZ	10.3140, 15.2231, 13.4611
YIQ	97.2200, -33.6950, -22.6150

Conversions

Conversions Part 2

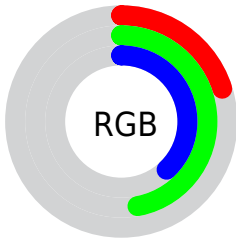
Format	Color
RYB	51, 94, 121
Decimal	3373408
CIELab	45.94, -28.49, 7.16
CIELCh	46, 29.373, 165.897
Yxy	15.2237, 0.2645, 0.3904
Android (android.graphics.Color)	4281563488 (0xFF337960)
YUV	97.2200, -0.6015, -40.5349
Hunter-Lab	39.0168, -21.0935, 6.8562

Details

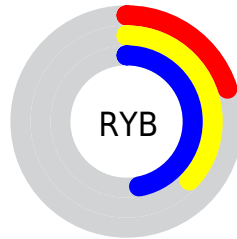
The HunterLab color **39.0168, -21.0935, 6.8562** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **26.3720, 24.0661, 1.2981**, and the grayscale version is **34.6686, -1.8498, 1.8836**.

A 20% lighter version of the original color is **59.4321, -25.5824, 8.6362**, and **22.0568, -15.1863, 5.2139** is the 20% darker color. If you saturate the color by 10%, you get **38.5640, -23.1054, 7.9042**, and if you desaturate by 10%, it is **39.5750, -18.6943, 5.8728**.

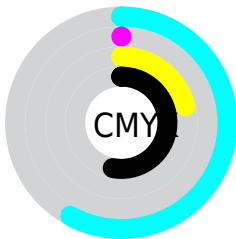
Distribution



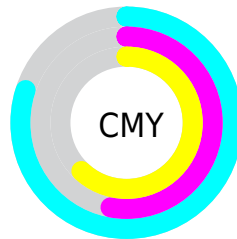
- Red (20%)
- Green (47%)
- Blue (38%)



- Red (20%)
- Yellow (37%)
- Blue (47%)



- Cyan (58%)
- Magenta (0%)
- Yellow (21%)
- Black (53%)



- Cyan (80%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.0168, -21.0935, 6.8562 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 39.0168, -21.0935, 6.8562 by changing the saturation by 10% instead.

■ 39.0168, -21.0935,
6.8562

■ 39.0168, -21.0935,
6.8562

149.9054,
-39.7730, 15.8774

■ 29.9609, -18.6405,
5.9079

■ 59.3676, -25.6307,
8.7666

■ 21.7391, -15.9945,
4.9519

■ 70.5608, -27.7746,
9.7368

■ 14.4476, -13.0568,
3.9711

■ 82.3805, -29.8608,
10.7206

■ 8.1086, -14.1901,
4.1003

■ 94.7951, -31.9016,
11.7192

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.7773,
-33.9067, 12.7337

0.0000, NaN, NaN

■ 121.3035,

0.0000, NaN, NaN

-35.8833, 13.7646

0.0000, NaN, NaN

135.3524,
-37.8372, 14.8124

■ 39.0168, -21.0935,
6.8562

■ 39.0168, -21.0935,
6.8562

■ 38.5640, -23.1054,
7.9042

■ 39.5750, -18.6943,
5.8728

■ 38.2094, -24.7313,
9.0007

■ 40.2392, -15.9150,
4.9655

■ 37.9466, -25.9874,
10.1296

■ 41.0116, -12.7734,
4.1451

■ 37.7524, -26.9594,
11.2591

■ 41.8921, -9.2934,
3.4195

■ 37.7124, -27.1605,
11.4943

■ 42.8792, -5.5041,
2.7942

■ 43.9708, -1.4370,
2.2724

■ 45.1638, 2.8752,
1.8550

■ 46.4544, 7.4004,
1.5413

■ 47.8387, 12.1079,
1.3288

Harmonies

Analogous

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



39.0176, -16.5667, 13.9967



39.0168, -21.0935, 6.8562



39.0176, -20.9525, -4.0088

Triad

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



39.0176, -21.0939, 6.8566



39.0176, 4.0827, -23.6202



39.0176, 14.3162, 14.2951

Complementary

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



39.0168, -21.0935, 6.8562



26.3720, 24.0661, 1.2981

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.



39.0176, 21.2317, 7.3986



39.0168, -21.0935, 6.8562



39.0176, 14.8778, -15.2870

Square

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



39.0176, -21.0939, 6.8566



39.0176, -7.2666, -23.8899



39.0176, 21.4483, -3.2879



39.0176, 3.3841, 17.3826

Rectangle

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



39.0168, -21.0935, 6.8562



39.0176, -18.2529, -12.1336



39.0176, 21.4483, -3.2879



39.0176, 17.2400, 12.4506

Sweetspot

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



39.0176, -21.0939, 6.8566



56.1115, -12.2285, 4.5375



39.3426, -21.3502, 19.1486



26.7400, -6.2028, 2.2363



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



39.0176, -21.0939, 6.8566



51.4551, -31.5961, 10.9929



36.8779, -13.3532, -6.5935



21.1879, -2.9663, 1.4201



39.0366, -28.1333, 11.9393



85.1602, -62.0466, 27.4979

Inverse Universe

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



26.3720, 24.0661, 1.2981



31.9076, 39.1490, 3.2019



27.5157, 17.4757, 10.5118



20.0911, 0.8405, 0.8686



21.3139, 37.3761, 6.9861



46.3902, 81.0420, 17.5947

Previews

White Background



This preview shows how the HunterLab color 39.0168, -21.0935, 6.8562 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 39.0168, -21.0935, 6.8562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

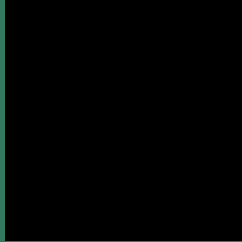
Any Text WCAG AA × Fail

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 39.0168, -21.0935, 6.8562 Background



This preview shows how black text looks on a background with the HunterLab color 39.0168, -21.0935, 6.8562.



This preview shows how white text looks on a background with the HunterLab color 39.0168,

-21.0935, 6.8562.

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

39.0168, -21.0935, 6.8562

Protanopia

38.7824, -2.7539, 9.0615

Deuteranopia

38.6760, 2.8227, 5.3987



Tritanopia

39.0141, -13.1353, -6.1866

Trichromacy



Original Color

39.0168, -21.0935, 6.8562

Protanomaly

38.4800, -10.9730, 7.9182

Deuteranomaly

38.1307, -7.5017, 5.0098

Tritanomaly

38.8131, -16.1371, -1.1429

Monochromacy



Original Color

39.0168, -21.0935, 6.8562

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

35.8840, -9.9694, 3.2511

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.0168, -21.0935, 6.8562 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(51, 121, 96)` looks like.

```
.text, #text, p{  
    color:rgb(51, 121, 96)  
}
```

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(51, 121, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 121, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 39.0168, -21.0935, 6.8562 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(51, 121, 96) }
```


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

```
.border{ border-color:rgb(51, 121, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 121, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 121, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 121, 96);  
box-shadow:4px 4px 4px 4px rgb(51, 121,  
96) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.0168, -21.0935, 6.8562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 121, 96) }
```

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

```
.background{ background-color: rgb(51, 121,  
96) }
```

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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