

Converting Colors

HunterLab(40.1618, -21.2884,
-4.2433)

Have a look what the booklet for
HunterLab(40.1618, -21.2884,
-4.2433) contains.

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Color

**HunterLab(40.1844,
-21.3039, -4.2382)**

Conversions

Conversions Part 1

Format	Color
Hex	007D7D
RGB	0, 125, 125
RGB Percent	0%, 49%, 49%
CMY	0.9999, 0.5098, 0.5098
CMYK	1.00, 0.00, 0.00, 0.51
HSL	180°, 100%, 25%
HSV	180°, 100%, 49%
XYZ	11.0352, 16.1479, 21.9373
YIQ	87.6250, -74.5000, -26.5000

Conversions

Conversions Part 2

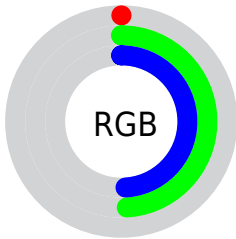
Format	Color
RYB	0, 63, 125
Decimal	32125
CIELab	47.17, -28.35, -8.34
CIELCh	47, 29.553, 196.385
Yxy	16.1485, 0.2247, 0.3287
Android (android.graphics.Color)	4278222205 (0xFF007D7D)
YUV	87.6250, 18.4259, -76.8471
Hunter-Lab	40.1844, -21.3039, -4.2382

Details

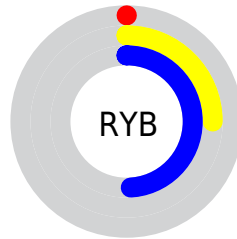
The HunterLab color **40.1844, -21.3039, -4.2382** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **20.8816, 35.7570, 13.4920**, and the grayscale version is **31.0572, -1.6571, 1.6874**.

A 20% lighter version of the original color is **60.6667, -25.6958, -4.2310**, and **23.5668, -12.3041, -2.8955** is the 20% darker color. If you saturate the color by 10%, you get **40.1850, -21.3044, -4.2378**, and if you desaturate by 10%, it is **40.2868, -20.9023, -4.0957**.

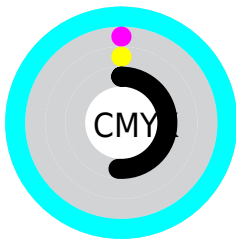
Distribution



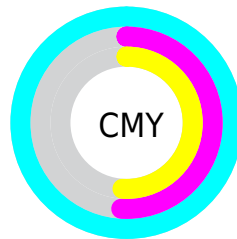
- Red (0%)
- Green (49%)
- Blue (49%)



- Red (0%)
- Yellow (25%)
- Blue (49%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.1844, -21.3039, -4.2382 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 40.1844, -21.3039, -4.2382 by changing the saturation by 10% instead.

40.1844, -21.3039,
-4.2382

40.1844, -21.3039,
-4.2382

151.7288,
-39.8653, -1.3135

31.0311, -18.8797,
-4.2886

60.7089, -25.7993,
-3.9363

22.7021, -16.2728,
-4.2613

71.9810, -27.9276,
-3.6989

15.2899, -13.3917,
-4.1445

83.8754, -30.0003,
-3.4102

8.9085, -14.3443,
-3.9599

96.3612, -32.0295,
-3.0742

0.0000, NaN, -NF

0.0000, NaN, NaN

109.4116,
-34.0242, -2.6940

0.0000, NaN, NaN

123.0031,

0.0000, NaN, NaN

-35.9916, -2.2723

0.0000, NaN, NaN

137.1150,
-37.9371, -1.8115

■ 40.1844, -21.3039,
-4.2382

■ 40.1844, -21.3039,
-4.2382

■ 40.1850, -21.3044,
-4.2378

■ 40.2868, -20.9023,
-4.0957

■ 40.4416, -20.2933,
-3.8805

■ 40.6833, -19.3475,
-3.5461

■ 41.0205, -18.0379,
-3.0829

■ 41.4599, -16.3499,
-2.4855

■ 42.0057, -14.2800,
-1.7524

■ 42.6609, -11.8342,
-0.8854

■ 43.4264, -9.0264,
0.1109

■ 44.3024, -5.8775,
1.2295

Harmonies

Analogous

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



40.1851, -21.5266, 6.8477



40.1844, -21.3039, -4.2382



40.1851, -16.3421, -16.3026

Triad

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



40.1851, -21.3039, -4.2377



40.1851, 15.2226, -15.2770



40.1851, 3.2140, 17.7752

Complementary

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



40.1844, -21.3039, -4.2382



20.8816, 35.7570, 13.4920

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.



40.1851, 14.3426, 14.6699



40.1844, -21.3039, -4.2382



40.1851, 21.7861, -3.1080

Square

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



40.1851, -21.3039, -4.2377



40.1851, 4.3099, -23.8054



40.1851, 21.4470, 7.7004



40.1851, -8.2191, 17.6313

Rectangle

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



40.1844, -21.3039, -4.2382



40.1851, -10.6583, -22.3721



40.1851, 21.4470, 7.7004



40.1851, 7.1389, 17.1251

Sweetspot

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



40.1851, -21.3039, -4.2377



57.0180, -16.0939, -1.2762



38.3161, -32.7650, 23.0360



27.0436, -8.2335, -0.8065



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



40.1851, -21.3039, -4.2377



53.7745, -28.5089, -5.6709



22.8354, 3.5685, -36.2435



22.1063, -2.7828, 0.6638



41.0531, -21.7646, -4.3293

0.0000, NaN, NaN

Inverse Universe

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



20.8816, 35.7570, 13.4920



27.9422, 47.8519, 18.0555



27.6342, 16.8538, 17.3223



20.8429, 0.5883, 1.7023



21.3319, 36.5316, 13.7841

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.1844, -21.3039, -4.2382 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 40.1844, -21.3039, -4.2382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

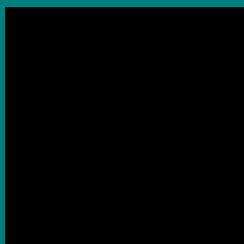
Any Text WCAG AA × Fail

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 40.1844, -21.3039, -4.2382 Background



This preview shows how black text looks on a background with the HunterLab color 40.1844, -21.3039, -4.2382.



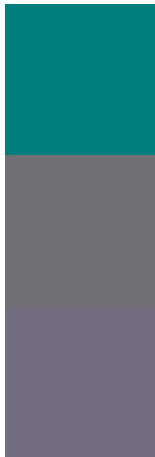
This preview shows how white text looks on a background with the HunterLab color 40.1844, -21.3039, -4.2382.

-21.3039, -4.2382.

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

40.1844, -21.3039, -4.2382

Protanopia

40.0931, -1.0706, 0.2521

Deuteranopia

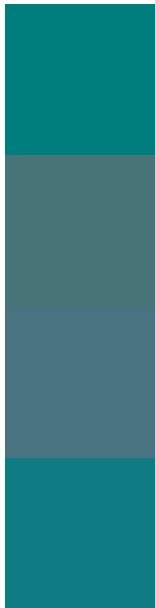
40.1244, 2.6093, -5.9191



Tritanopia

40.3964, -18.2698, -8.5308

Trichromacy



Original Color

40.1844, -21.3039, -4.2382

Protanomaly

38.9388, -12.3372, -2.7965

Deuteranomaly

39.0339, -9.8914, -7.1405

Tritanomaly

40.1940, -19.2622, -7.2442

Monochromacy



Original Color

40.1844, -21.3039, -4.2382

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

33.2982, -11.9905, -1.6140

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.1844, -21.3039, -4.2382 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, 125, 125)` looks like.

```
.text, #text, p{  
    color:rgb(0, 125, 125)  
}
```

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, 125, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 125, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 40.1844, -21.3039, -4.2382 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, 125, 125) }
```


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

```
.border{ border-color:rgb(0, 125, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 125, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 125, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 125, 125);  
box-shadow:4px 4px 4px 4px rgb(0, 125,  
125) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.1844, -21.3039, -4.2382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 125, 125) }
```

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

```
.background{ background-color: rgb(0, 125,  
125) }
```

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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