

Converting Colors

HunterLab(40.0243, -21.7964,
6.9730)

Have a look what the booklet for
HunterLab(40.0243, -21.7964,
6.9730) contains.

HunterLab(40.0249, -21.7671, 6.7960)	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(40.0249,
-21.7671, 6.7960)**

Conversions

Conversions Part 1

Format	Color
Hex	337C63
RGB	51, 124, 99
RGB Percent	20%, 49%, 39%
CMY	0.8000, 0.5137, 0.6118
CMYK	0.59, 0.00, 0.20, 0.51
HSL	159°, 42%, 34%
HSV	159°, 59%, 49%
XYZ	10.8250, 16.0199, 14.3260
YIQ	99.3230, -35.4830, -23.2510

Conversions

Conversions Part 2

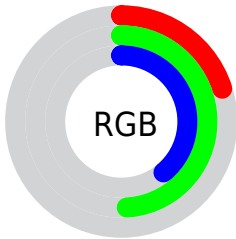
Format	Color
RYB	51, 95, 124
Decimal	3374179
CIELab	47.00, -29.19, 6.90
CIElCh	47, 29.996, 166.702
Yxy	16.0206, 0.2629, 0.3891
Android (android.graphics.Color)	4281564259 (0xFF337C63)
YUV	99.3230, -0.1592, -42.3793
Hunter-Lab	40.0249, -21.7671, 6.7960




Details

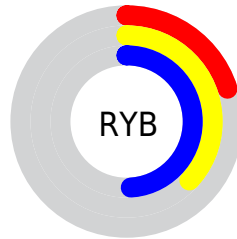
The HunterLab color **40.0249, -21.7671, 6.7960** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **26.7860, 25.1016, 1.8090**, and the grayscale version is **35.4551, -1.8918, 1.9263**.



A 20% lighter version of the original color is **60.4891, -26.3691, 8.5293**, and **22.6837, -15.5492, 5.2137** is the 20% darker color. If you saturate the color by 10%, you get **39.5742, -23.7709, 7.8368**, and if you desaturate by 10%, it is **40.5834, -19.3658, 5.8262**.

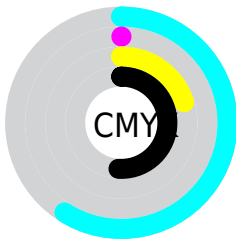
Distribution







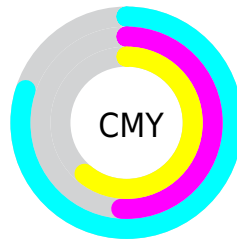
-  Red (20%)
-  Green (49%)
-  Blue (39%)






-  Red (20%)
-  Yellow (37%)
-  Blue (49%)



-  Cyan (59%)
-  Magenta (0%)
-  Yellow (20%)
-  Black (51%)



-  Cyan (80%)
-  Magenta (51%)
-  Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0249, -21.7671, 6.7960 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 40.0249, -21.7671, 6.7960 by changing the saturation by 10% instead.

40.0249, -21.7671,
6.7960

40.0249, -21.7671,
6.7960

151.4804,
-40.7300, 15.7198

30.8848, -19.2787,
5.8649

60.5259, -26.3738,
8.6781

22.5703, -16.5982,
4.9297

71.7873, -28.5511,
9.6363

15.1744, -13.6302,
3.9750

83.6716, -30.6696,
10.6089

8.8040, -14.9185,
3.7278

96.1477, -32.7419,
11.5972

0.0000, NaN, NaN

0.0000, NaN, NaN

109.1889,
-34.7774, 12.6020

0.0000, NaN, NaN

122.7715,

0.0000, NaN, NaN

-36.7836, 13.6238

0.0000, NaN, NaN

136.8749,
-38.7662, 14.6630

■ 40.0249, -21.7671,
6.7960

■ 40.0249, -21.7671,
6.7960

■ 39.5742, -23.7709,
7.8368

■ 40.5834, -19.3658,
5.8262

■ 39.2237, -25.3803,
8.9321

■ 41.2507, -16.5727,
4.9389

■ 38.9663, -26.6141,
10.0650

■ 42.0292, -13.4050,
4.1451

■ 38.7741, -27.5780,
11.1991

■ 42.9189, -9.8863,
3.4527

■ 38.7530, -27.6839,
11.3236

■ 43.9187, -6.0457,
2.8671

■ 45.0263, -1.9154,
2.3910

■ 46.2387, 2.4714,
2.0252

■ 47.5521, 7.0813,
1.7685

■ 48.9624, 11.8828,
1.6180

Harmonies

Analogous

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



40.0257, -17.2339, 14.2544



40.0249, -21.7671, 6.7960



40.0257, -21.4914, -4.4744

Triad

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



40.0257, -21.7675, 6.7964



40.0257, 4.5368, -24.2258



40.0257, 14.4931, 14.8368

Complementary

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



40.0249, -21.7671, 6.7960



26.7860, 25.1016, 1.8090

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.



40.0257, 21.7765, 7.8554



40.0249, -21.7671, 6.7960



40.0257, 15.5915, -15.4573

Square

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



40.0257, -21.7675, 6.7964



40.0257, -7.1835, -24.7537



40.0257, 22.2001, -3.0645



40.0257, 3.1709, 17.9140

Rectangle

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



40.0249, -21.7671, 6.7960



40.0257, -18.6290, -12.8424



40.0257, 22.2001, -3.0645



40.0257, 17.5490, 12.9769

Sweetspot

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



40.0257, -21.7675, 6.7964



56.9892, -12.8976, 4.5428



40.2667, -22.4578, 19.8070



27.5079, -6.8409, 2.3076



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.



40.0257, -21.7675, 6.7964



52.3040, -32.4082, 10.9426



37.3912, -13.3304, -7.4309



21.1901, -2.9540, 1.3887



39.0719, -27.9161, 11.4264



85.2388, -61.5629, 26.3554

Inverse Universe

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



26.7860, 25.1016, 1.8090



31.9489, 40.7083, 4.1969



28.2211, 17.8489, 11.1217



20.0888, 0.8284, 0.9006



21.2817, 37.2580, 7.4539



46.3237, 80.7972, 18.5659

Previews

White Background



This preview shows how the HunterLab color 40.0249, -21.7671, 6.7960 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 40.0249, -21.7671, 6.7960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

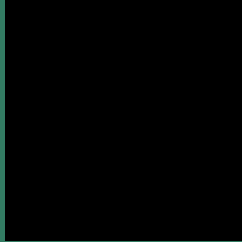
Any Text WCAG AA × Fail

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 40.0249, -21.7671, 6.7960 Background



This preview shows how black text looks on a background with the HunterLab color 40.0249, -21.7671, 6.7960.



This preview shows how white text looks on a background with the HunterLab color 40.0249, -21.7671, 6.7960.

-21.7671, 6.7960.

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

40.0249, -21.7671, 6.7960

Protanopia

39.9043, -2.9476, 9.4931

Deuteranopia

39.8179, 2.7774, 5.4770



Tritanopia

40.0459, -13.6044, -6.8300

Trichromacy



Original Color

40.0249, -21.7671, 6.7960

Protanomaly

39.5527, -11.3378, 7.9447

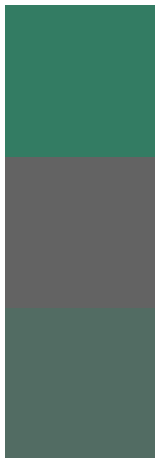
Deuteranomaly

39.1998, -7.8528, 5.0045

Tritanomaly

39.8453, -16.6234, -1.7083

Monochromacy



Original Color

40.0249, -21.7671, 6.7960

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

36.6331, -10.0489, 3.2920

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0249, -21.7671, 6.7960 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, 124, 99)` looks like.

```
.text, #text, p{  
    color:rgb(51, 124, 99)  
}
```

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, 124, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 124, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0249, -21.7671, 6.7960 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, 124, 99) }
```


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

```
.border{ border-color:rgb(51, 124, 99) }
```

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

Here you see how a box with a 4 pixel rgb(51, 124, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 124, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 124, 99);  
box-shadow:4px 4px 4px 4px rgb(51, 124,  
99) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.0249, -21.7671, 6.7960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 124, 99) }
```

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

```
.background{ background-color: rgb(51, 124,  
99) }
```

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