

Converting Colors

HunterLab(18.7875, -1.7167,
-26.4225)

Have a look what the booklet for
HunterLab(18.7875, -1.7167,
-26.4225) contains.

HunterLab(19.3609, 0.3640, -24.9851)	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(19.3609, 0.3640,
-24.9851)**

Conversions

Conversions Part 1

Format	Color
Hex	003864
RGB	0, 56, 100
RGB Percent	0%, 22%, 39%
CMY	1.0000, 0.7804, 0.6078
CMYK	1.00, 0.44, 0.00, 0.61
HSL	206°, 100%, 20%
HSV	206°, 100%, 39%
XYZ	3.7144, 3.7484, 12.5843
YIQ	44.2720, -47.5000, 1.8120

Conversions

Conversions Part 2

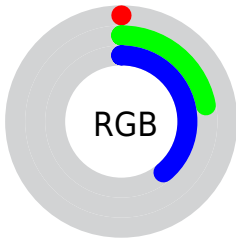
Format	Color
RYB	0, 36, 100
Decimal	14436
CIELab	22.82, 2.34, -30.49
CIElCh	23, 30.577, 274.393
Yxy	3.7486, 0.1853, 0.1870
Android (android.graphics.Color)	4278204516 (0xFF003864)
YUV	44.2720, 27.4739, -38.8265
Hunter-Lab	19.3609, 0.3640, -24.9851

Details

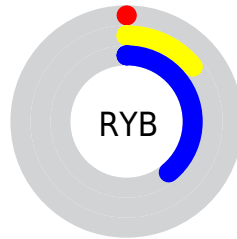
The HunterLab color **19.3609, 0.3640, -24.9851** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **21.2403, 14.5693, 13.3424**, and the grayscale version is **15.8846, -0.8476, 0.8630**.

A 20% lighter version of the original color is **35.9589, -0.1233, -26.1191**, and **7.2110, 6.5421, -23.1356** is the 20% darker color. If you saturate the color by 10%, you get **19.3599, 0.3658, -24.9879**, and if you desaturate by 10%, it is **20.6363, -0.9737, -21.9409**.

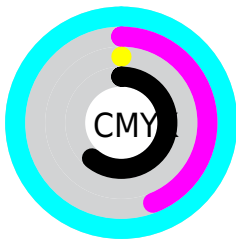
Distribution



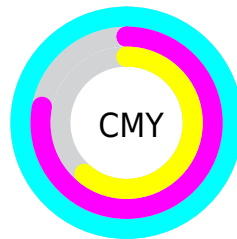
- Red (0%)
- Green (22%)
- Blue (39%)



- Red (0%)
- Yellow (14%)
- Blue (39%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (61%)



- Cyan (100%)
- Magenta (78%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.3609, 0.3640, -24.9851 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 19.3609, 0.3640, -24.9851 by changing the saturation by 10% instead.

■ 19.3609, 0.3640,
-24.9851

■ 19.3609, 0.3640,
-24.9851

■ 117.0304, -3.7278,
-29.2061

■ 12.3852, 0.5494,
-24.9156

■ 36.1097, -0.2153,
-26.0097

■ 5.5895, 1.5272,
-32.0814

■ 45.6988, -0.5900,
-26.5946

0.0000, NaN, -NF

■ 56.0125, -1.0129,
-27.1539

0.0000, NaN, -NF

■ 67.0031, -1.4798,
-27.6699

0.0000, NaN, NaN

■ 78.6311, -1.9872,
-28.1347

0.0000, NaN, NaN

■ 90.8634, -2.5325,

0.0000, NaN, NaN

0.0000, NaN, NaN

-28.5458

0.0000, NaN, NaN

103.6714, -3.1133,
-28.9026

19.3609, 0.3640,
-24.9851

19.3609, 0.3640,
-24.9851

19.3599, 0.3658,
-24.9879

20.6363, -0.9737,
-21.9409

21.9699, -2.1469,
-19.0371

23.4038, -3.0008,
-16.1749

24.9320, -3.5519,
-13.3708

26.5474, -3.8238,
-10.6355

■ 28.2430, -3.8432,
-7.9745

■ 30.0120, -3.6368,
-5.3889

■ 31.8483, -3.2299,
-2.8769

■ 33.7462, -2.6454,
-0.4349

Harmonies

Analogous

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



19.3612, -8.2180, -21.6295



19.3609, 0.3640, -24.9851



19.3612, 10.2230, -19.0783

Triad

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



19.3612, 0.3645, -24.9846



19.3612, 16.1775, 8.4475



19.3612, -14.7432, 7.0916

Complementary

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



19.3609, 0.3640, -24.9851



21.2403, 14.5693, 13.3424

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.



19.3612, -10.1916, 10.5299



19.3609, 0.3640, -24.9851



19.3612, 7.3790, 11.0318

Square

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



19.3612, 0.3645, -24.9846



19.3612, 20.3890, 2.3205



19.3612, -2.3941, 11.6556



19.3612, -15.9153, -0.3045

Rectangle

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



19.3609, 0.3640, -24.9851



19.3612, 15.8882, -11.8067



19.3612, -2.3941, 11.6556



19.3612, -13.6066, 8.6095

Sweetspot

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



19.3612, 0.3645, -24.9846



39.5258, -4.8508, -7.4351



30.4818, -24.0655, 13.8522



19.2536, -2.4579, -4.1944



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



19.3612, 0.3645, -24.9846



25.2088, 1.2270, -34.1576



10.3204, 22.9800, -62.5032



17.3026, -1.3123, -0.0934



22.1984, 0.7792, -29.4280



48.9240, 4.9372, -71.8088

Inverse Universe

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



17.3063, 31.2841, -1.6060



22.8658, 41.2518, -1.4523



32.5529, -6.5237, 19.9442



16.9402, 0.7813, 0.3765



20.0025, 36.1199, -1.5328



45.4853, 81.7810, -0.7323

Previews

White Background



This preview shows how the HunterLab color 19.3609, 0.3640, -24.9851 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 19.3609, 0.3640, -24.9851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

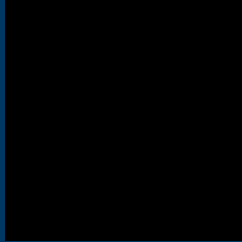
Any Text WCAG AA × Fail

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 19.3609, 0.3640, -24.9851 Background



This preview shows how black text looks on a background with the HunterLab color 19.3609, 0.3640, -24.9851.



This preview shows how white text looks on a background with the HunterLab color 19.3609, 0.3640,

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

19.3609, 0.3640, -24.9851

Protanopia

19.6914, 3.7659, -22.5929

Deuteranopia

19.3111, 0.0945, -24.3413



Tritanopia

19.2851, -9.4719, -3.6576

Trichromacy



Original Color

19.3609, 0.3640, -24.9851

Protanomaly

19.5033, 2.0133, -23.8321

Deuteranomaly

19.3111, 0.0945, -24.3413

Tritanomaly

19.1781, -6.2059, -10.5743

Monochromacy



Original Color

19.3609, 0.3640, -24.9851

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

16.5256, -2.3347, -7.2603

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.3609, 0.3640, -24.9851 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, 56, 100)` looks like.

```
.text, #text, p{  
    color:rgb(0, 56, 100)  
}
```

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, 56, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 56, 100) }
```

Border

The CSS property to change the border of an element to HunterLab 19.3609, 0.3640, -24.9851 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, 56, 100) }
```


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

```
.border{ border-color:rgb(0, 56, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 56, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 56, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 56, 100);  
box-shadow:4px 4px 4px 4px rgb(0, 56, 100)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.3609, 0.3640, -24.9851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 56, 100) }
```

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

```
.background{ background-color: rgb(0, 56,  
100) }
```

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