

Converting Colors

HunterLab(16.3441, 37.5252,
-63.3554)

Have a look what the booklet for
HunterLab(16.3441, 37.5252,
-63.3554) contains.

HunterLab(16.3778, 37.5632, -63.1812)	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(16.3778, 37.5632,
-63.1812)**

Conversions

Conversions Part 1

Format	Color
Hex	410080
RGB	65, 0, 128
RGB Percent	25%, 0%, 50%
CMY	0.7451, 1.0000, 0.4980
CMYK	0.49, 1.00, 0.00, 0.50
HSL	270°, 100%, 25%
HSV	270°, 100%, 50%
XYZ	6.0762, 2.6823, 20.6195
YIQ	34.0270, -2.3480, 53.5880

Conversions

Conversions Part 2

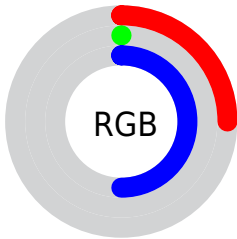
Format	Color
RYB	65, 0, 128
Decimal	4259968
CIELab	18.72, 50.25, -54.98
CIElCh	19, 74.488, 312.428
Yxy	2.6824, 0.2068, 0.0913
Android (android.graphics.Color)	4282450048 (0xFF410080)
YUV	34.0270, 46.3287, 27.1633
Hunter-Lab	16.3778, 37.5632, -63.1812

Details

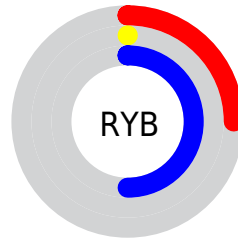
The HunterLab color **16.3778, 37.5632, -63.1812** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **40.6141, -28.1400, 24.5336**, and the grayscale version is **12.5153, -0.6678, 0.6800**.

A 20% lighter version of the original color is **32.5120, 41.3397, -59.9494**, and **7.5460, 20.2119, -51.6287** is the 20% darker color. If you saturate the color by 10%, you get **16.3781, 37.5636, -63.1798**, and if you desaturate by 10%, it is **17.8671, 35.2532, -56.1417**.

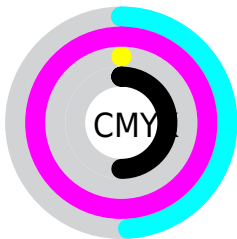
Distribution



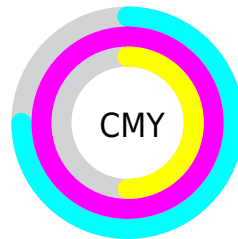
- Red (25%)
- Green (0%)
- Blue (50%)



- Red (25%)
- Yellow (0%)
- Blue (50%)



- Cyan (49%)
- Magenta (100%)
- Yellow (0%)
- Black (50%)



- Cyan (75%)
- Magenta (100%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.3778, 37.5632, -63.1812 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 16.3778, 37.5632, -63.1812 by changing the saturation by 10% instead.

16.3778, 37.5632,
-63.1812

16.3778, 37.5632,
-63.1812

111.4910, 52.2035,
-64.4575

9.8401, 35.9795,
-69.3789

32.4029, 41.4235,
-60.2546

0.0000, INF, -NF

0.0000, NaN, -NF

41.6787, 43.2830,
-60.3143

0.0000, NaN, -NF

51.7019, 45.0363,
-60.7486

0.0000, NaN, NaN

0.0000, NaN, NaN

62.4202, 46.6778,
-61.3793


0.0000, NaN, NaN

73.7913, 48.2097,
-62.1104


0.0000, NaN, NaN


85.7797, 49.6372,


-62.8870


 98.3550, 50.9664,
-63.6761


 16.3778, 37.5632,
-63.1812

 16.3778, 37.5632,
-63.1812

 16.3781, 37.5636,
-63.1798

 17.8671, 35.2532,
-56.1417

 19.7045, 32.2473,
-48.7430

 22.0244, 28.3176,
-40.9094

 24.7537, 23.9236,
-33.2430

 27.8198, 19.3698,
-26.0425

■ 31.1611, 14.8201,
-19.3962

■ 34.7292, 10.3475,
-13.2837

■ 38.4866, 5.9756,
-7.6412

■ 42.4045, 1.7036,
-2.3949

Harmonies

Analogous

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



16.3781, 9.0437, -103.4407



16.3778, 37.5632, -63.1812



16.3781, 60.4077, -16.0592

Triad

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



16.3781, 37.5636, -63.1798



16.3781, 13.6265, 11.4647



16.3781, -26.5424, -10.0786

Complementary

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



16.3778, 37.5632, -63.1812



40.6141, -28.1400, 24.5336

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.



16.3781, -26.0820, 8.9857



16.3778, 37.5632, -63.1812



16.3781, -8.8808, 11.4647

Square

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



16.3781, 37.5636, -63.1798



16.3781, 42.3737, 11.4647



16.3781, -20.5592, 11.4647



16.3781, -21.8171, -54.3360

Rectangle

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



16.3778, 37.5632, -63.1812



16.3781, 64.5994, 2.4766



16.3781, -20.5592, 11.4647



16.3781, -26.9890, -0.8698

Sweetspot

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



16.3781, 37.5636, -63.1798



45.7467, 14.1356, -18.1648



22.8589, 4.7386, -38.8010



21.3106, 7.8531, -10.1524



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



16.3781, 37.5636, -63.1798



21.5333, 49.6191, -84.8649



24.7946, 48.7470, -32.7026



20.7621, 0.6416, -0.9405



16.3115, 37.4078, -62.8999

0.0000, NaN, NaN

Inverse Universe

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



22.2442, 39.7071, 1.8685



29.4665, 52.5079, 3.1839



39.2917, -33.6926, 23.6215



20.9208, 1.0079, 0.5913

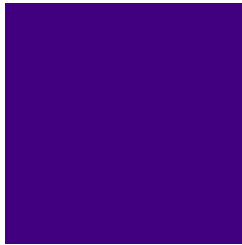


22.1509, 39.5417, 1.8516

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 16.3778, 37.5632, -63.1812 looks on a white background.

Color Contrast Check

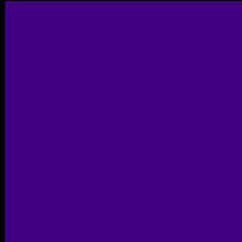
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.3778, 37.5632, -63.1812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

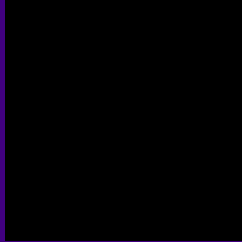
Any Text WCAG AA × Fail

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 16.3778, 37.5632, -63.1812 Background



This preview shows how black text looks on a background with the HunterLab color 16.3778, 37.5632, -63.1812.



This preview shows how white text looks on a background with the HunterLab color 16.3778, 37.5632, -63.1812.

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

16.3778, 37.5632, -63.1812

Protanopia

17.4184, 3.9217, -30.2373

Deuteranopia

17.3883, -1.4446, -18.6153



Tritanopia

17.6222, -1.5791, -0.9111

Trichromacy



Original Color

16.3778, 37.5632, -63.1812

Protanomaly

15.1656, 16.7876, -48.0336

Deuteranomaly

14.7201, 13.5554, -40.2827

Tritanomaly

15.3531, 12.8696, -20.3764

Monochromacy



Original Color

16.3778, 37.5632, -63.1812

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.4461, 12.8187, -18.1584

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.3778, 37.5632, -63.1812 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(65, 0, 128)` looks like.

```
.text, #text, p{  
    color:rgb(65, 0, 128)  
}
```

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(65, 0, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 0, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 16.3778, 37.5632, -63.1812 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(65, 0, 128) }
```


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

```
.border{ border-color:rgb(65, 0, 128) }
```

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

Here you see how a box with a 4 pixel rgb(65, 0, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 0, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 0, 128);  
box-shadow:4px 4px 4px 4px rgb(65, 0, 128)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.3778, 37.5632, -63.1812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 0, 128) }
```

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

```
.background{ background-color: rgb(65, 0,  
128) }
```

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