

Converting Colors

HunterLab(17.3582, 40.8050,
-74.6622)

Have a look what the booklet for
HunterLab(17.3582, 40.8050,
-74.6622) contains.

HunterLab(17.3582, 40.8050, -74.6622)	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(17.3582, 40.8050,
-74.6622)**

Conversions

Conversions Part 1

Format	Color
Hex	40008D
RGB	64, 0, 141
RGB Percent	25%, 0%, 55%
CMY	0.7490, 1.0000, 0.4471
CMYK	0.55, 1.00, 0.00, 0.45
HSL	267°, 100%, 28%
HSV	267°, 100%, 55%
XYZ	6.9221, 3.0131, 25.4160
YIQ	35.2100, -7.1170, 57.4190

Conversions

Conversions Part 2

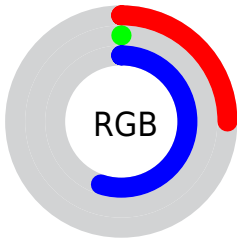
Format	Color
RYB	64, 0, 141
Decimal	4194445
CIELab	20.10, 53.22, -60.91
CIElCh	20, 80.881, 311.144
Yxy	3.0132, 0.1958, 0.0852
Android (android.graphics.Color)	4282384525 (0xFF40008D)
YUV	35.2100, 52.1545, 25.2488
Hunter-Lab	17.3582, 40.8050, -74.6622

Details

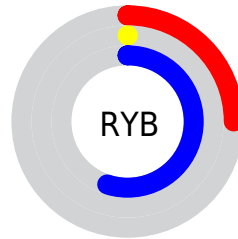
The HunterLab color **17.3582, 40.8050, -74.6622** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **45.4174, -30.0181, 27.4605**, and the grayscale version is **12.8727, -0.6869, 0.6994**.

A 20% lighter version of the original color is **33.6969, 44.8862, -70.3399**, and **8.4928, 23.0366, -60.3446** is the 20% darker color. If you saturate the color by 10%, you get **17.3586, 40.8054, -74.6604**, and if you desaturate by 10%, it is **18.9900, 38.3605, -66.3035**.

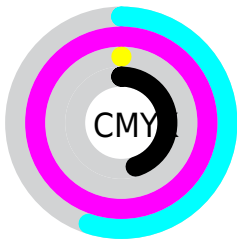
Distribution



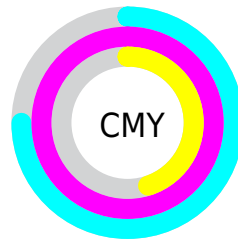
- Red (25%)
- Green (0%)
- Blue (55%)



- Red (25%)
- Yellow (0%)
- Blue (55%)



- Cyan (55%)
- Magenta (100%)
- Yellow (0%)
- Black (45%)



- Cyan (75%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.3582, 40.8050, -74.6622 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 17.3582, 40.8050, -74.6622 by changing the saturation by 10% instead.

17.3582, 40.8050,
-74.6622

17.3582, 40.8050,
-74.6622

113.3362, 56.1366,
-74.1614

10.6707, 39.1967,
-82.3519

33.6294, 44.7741,
-70.4365

1.0347, 239.9129,
-542.8416

43.0113, 46.7075,
-70.2151

0.0000, INF, -NF

0.0000, NaN, -NF

53.1327, 48.5412,
-70.4874

0.0000, NaN, -NF

63.9430, 50.2665,
-71.0331

0.0000, NaN, NaN

75.4008, 51.8840,
-71.7314


0.0000, NaN, NaN


0.0000, NaN, NaN


87.4714, 53.3979,


-72.5116


0.0000, NaN, NaN


 100.1251, 54.8135,
-73.3307


 17.3582, 40.8050,
-74.6622


 17.3582, 40.8050,
-74.6622


 17.3586, 40.8054,
-74.6604

 18.9900, 38.3605,
-66.3035

 21.0778, 34.9773,
-57.2834

 23.7309, 30.5785,
-47.8006

 26.8565, 25.7144,
-38.6327

 30.3652, 20.7286,
-30.1297

■ 34.1837, 15.7919,
-22.3668

■ 38.2553, 10.9711,
-15.2904

■ 42.5372, 6.2805,
-8.8027

■ 46.9969, 1.7114,
-2.8016

Harmonies

Analogous

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



17.3586, 8.8713, -119.8117



17.3582, 40.8050, -74.6622



17.3586, 67.4237, -19.9367

Triad

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



17.3586, 40.8054, -74.6604



17.3586, 16.5500, 12.1510



17.3586, -28.5531, -9.7979

Complementary

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



17.3582, 40.8050, -74.6622



45.4174, -30.0181, 27.4605

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.



17.3586, -27.8463, 10.1190



17.3582, 40.8050, -74.6622



17.3586, -8.9419, 12.1510

Square

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



17.3586, 40.8054, -74.6604



17.3586, 48.9659, 12.1510



17.3586, -21.9912, 12.1510



17.3586, -23.9222, -59.3870

Rectangle

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



17.3582, 40.8050, -74.6622



17.3586, 72.9922, 1.7946



17.3586, -21.9912, 12.1510



17.3586, -28.9319, 0.0498

Sweetspot

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



17.3586, 40.8054, -74.6604



50.8346, 15.0915, -21.0459



27.0336, 2.2146, -38.5704



23.0603, 8.2503, -11.5610



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



17.3586, 40.8054, -74.6604



23.0184, 54.3810, -101.1028



26.4336, 52.5433, -39.3136



23.1675, 0.6583, -1.1415



16.6033, 38.9944, -71.1373



1.9792, 4.2365, -5.2870

Inverse Universe

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



24.8968, 44.7884, -0.5935



33.2658, 59.7497, -0.0617



43.6982, -37.2036, 26.2753



23.3886, 1.2312, 0.5054



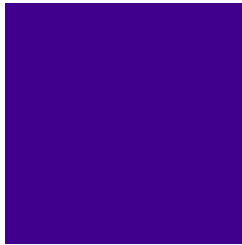
23.7804, 42.7925, -0.6629



2.4191, 4.5212, -1.3703

Previews

White Background



This preview shows how the HunterLab color 17.3582, 40.8050, -74.6622 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

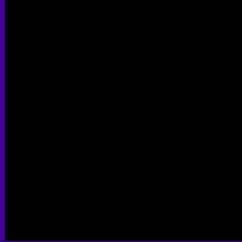
Any Text WCAG AA × Fail

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 17.3582, 40.8050, -74.6622 Background



This preview shows how black text looks on a background with the HunterLab color 17.3582, 40.8050, -74.6622.



This preview shows how white text looks on a background with the HunterLab color 17.3582, 40.8050, -74.6622.

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

17.3582, 40.8050, -74.6622

Protanopia

18.1690, 4.4604, -32.3383

Deuteranopia

18.3753, -1.4152, -19.9126



Tritanopia

18.5019, -4.5627, -1.9384

Trichromacy



Original Color

17.3582, 40.8050, -74.6622

Protanomaly

15.8845, 18.7232, -53.8586

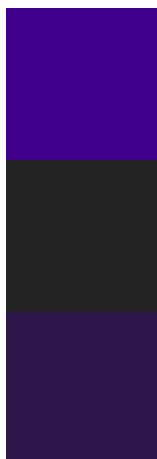
Deuteranomaly

15.5895, 14.9194, -45.1571

Tritanomaly

15.8246, 12.1354, -25.4473

Monochromacy



Original Color

17.3582, 40.8050, -74.6622

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.8416, 14.3576, -21.7473

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.3582, 40.8050, -74.6622 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(64, 0, 141)` looks like.

```
.text, #text, p{  
    color:rgb(64, 0, 141)  
}
```

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(64, 0, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 0, 141) }
```

Border

The CSS property to change the border of an element to HunterLab 17.3582, 40.8050, -74.6622 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(64, 0, 141) }
```


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

```
.border{ border-color:rgb(64, 0, 141) }
```

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

Here you see how a box with a 4 pixel rgb(64, 0, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 0, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 0, 141);  
box-shadow:4px 4px 4px 4px rgb(64, 0, 141)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.3582, 40.8050, -74.6622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 0, 141) }
```

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

```
.background{ background-color: rgb(64, 0,  
141) }
```

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