

Converting Colors

HunterLab(29.5006, 40.8017,
-74.5539)

Have a look what the booklet for
HunterLab(29.5006, 40.8017,
-74.5539) contains.

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Color

**HunterLab(29.4173, 40.9725,
-74.7836)**

Conversions

Conversions Part 1

Format	Color
Hex	6334BA
RGB	99, 52, 186
RGB Percent	39%, 20%, 73%
CMY	0.6117, 0.7961, 0.2706
CMYK	0.47, 0.72, 0.00, 0.27
HSL	261°, 56%, 47%
HSV	261°, 72%, 73%
XYZ	15.2365, 8.6538, 47.3216
YIQ	81.3290, -15.0020, 51.6380

Conversions

Conversions Part 2

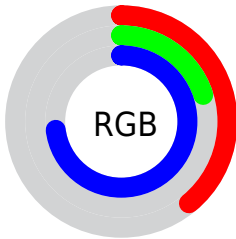
Format	Color
R_{YB}	99, 52, 186
Decimal	6501562
CIE _{Lab}	35.31, 50.46, -63.03
CIE _{LCh}	35, 80.737, 308.677
Yxy	8.6540, 0.2140, 0.1215
Android (android.graphics.Color)	4284691642 (0xFF6334BA)
YUV	81.3290, 51.6028, 15.4975
Hunter-Lab	29.4173, 40.9725, -74.7836

Details

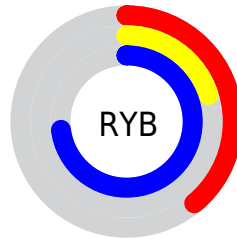
The HunterLab color $29.4173, 40.9725, -74.7836$ is a dark color, and the websafe version is hex $6633CC$. A complement of this color would be $63.9175, -31.3554, 35.8231$, and the grayscale version is $28.6274, -1.5275, 1.5554$.

A 20% lighter version of the original color is $48.3111, 44.5243, -73.5152$, and $14.3501, 36.1839, -80.7177$ is the 20% darker color. If you saturate the color by 10%, you get $25.8418, 46.9336, -89.8371$, and if you desaturate by 10%, it is $33.7426, 34.3537, -60.2331$.

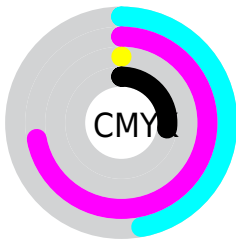
Distribution



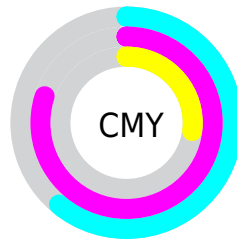
- Red (39%)
- Green (20%)
- Blue (73%)



- Red (39%)
- Yellow (20%)
- Blue (73%)



- Cyan (47%)
- Magenta (72%)
- Yellow (0%)
- Black (27%)



- Cyan (61%)
- Magenta (80%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.4173, 40.9725, -74.7836 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 29.4173, 40.9725, -74.7836 by changing the saturation by 10% instead.

■ 29.4173, 40.9725,
-74.7836

■ 29.4173, 40.9725,
-74.7836

■ 134.4528, 54.3323,
-78.9773

■ 21.2514, 39.0204,
-77.0077

■ 48.1985, 44.6676,
-73.9566

■ 14.0225, 37.1540,
-82.3807

■ 58.6847, 46.3540,
-74.3240

■ 7.6667, 37.6019,
-99.1646

■ 69.8372, 47.9297,
-74.9237

0.0000, INF, -NF

■ 81.6184, 49.3991,
-75.6552

0.0000, NaN, -NF

■ 93.9964, 50.7680,
-76.4580

0.0000, NaN, -NF

■ 106.9436, 52.0427,

0.0000, NaN, NaN

-77.2942

0.0000, NaN, NaN

120.4362, 53.2289,
-78.1393

■ 29.4173, 40.9725,
-74.7836

■ 29.4173, 40.9725,
-74.7836

■ 25.8418, 46.9336,
-89.8371

■ 33.7426, 34.3537,
-60.2331

■ 23.1757, 51.2593,
-103.6657

■ 38.6596, 27.6570,
-46.9384

■ 21.6272, 53.4289,
-113.0911

■ 44.0434, 21.1371,
-35.0263

■ 49.8004, 14.8683,
-24.3594

■ 55.8624, 8.8452,
-14.7279

■ 62.1792, 3.0340,
-5.9283

■ 68.7138, -2.6047,
2.2121

■ 75.4378, -8.1078,
9.8318

■ 82.3295, -13.5066,
17.0401

Harmonies

Analogous

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



29.4177, 7.1377, -110.1219



29.4173, 40.9725, -74.7836



29.4177, 68.6262, -24.2746

Triad

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



29.4177, 40.9733, -74.7824



29.4177, 21.0596, 20.5924



29.4177, -38.4515, -7.3730

Complementary

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



29.4173, 40.9725, -74.7836



63.9175, -31.3554, 35.8231

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.



29.4177, -37.1368, 14.9280



29.4173, 40.9725, -74.7836



29.4177, -9.3718, 20.5924

Square

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



29.4177, 40.9733, -74.7824



29.4177, 54.4176, 19.1237



29.4177, -28.5299, 20.5924



29.4177, -33.2373, -52.9496

Rectangle

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



29.4173, 40.9725, -74.7836



29.4177, 75.4444, 0.3754



29.4177, -28.5299, 20.5924



29.4177, -38.6995, 2.7766

Sweetspot

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



29.4177, 40.9733, -74.7824



74.9405, 12.1640, -20.2259



47.7174, -10.4621, -28.5007



34.1094, 6.7309, -11.0954



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



29.4177, 40.9733, -74.7824



32.6963, 66.6914, -131.3724



37.5465, 56.9303, -49.2242



29.7802, 0.6932, -1.7048



17.8466, 43.9268, -92.0628



3.8415, 8.7674, -14.4838

Inverse Universe

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



38.4175, 54.2131, -13.0729



47.8871, 81.8894, -15.6373



60.6196, -44.6639, 33.3941



30.1791, 1.8591, 0.2421



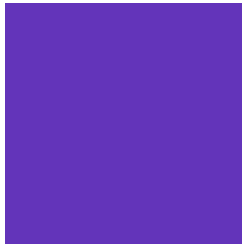
28.2178, 51.6526, -7.5703



5.4032, 10.0742, -2.8734

Previews

White Background



This preview shows how the HunterLab color 29.4173, 40.9725, -74.7836 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 29.4173, 40.9725, -74.7836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

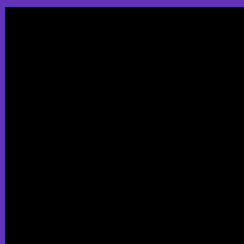
Any Text WCAG AA × Fail

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 29.4173, 40.9725, -74.7836 Background



This preview shows how black text looks on a background with the HunterLab color 29.4173, 40.9725, -74.7836.



This preview shows how white text looks on a background with the HunterLab color 29.4173, 40.9725, -74.7836.

-74.7836.

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

29.4173, 40.9725, -74.7836

Protanopia

29.3932, 10.0455, -58.4242

Deuteranopia

29.2785, 0.1986, -37.0243



Tritanopia

29.5096, -3.4875, -1.7632

Trichromacy



Original Color

29.4173, 40.9725, -74.7836

Protanomaly

28.0891, 19.1845, -69.0547

Deuteranomaly

27.7729, 12.7321, -54.6456

Tritanomaly

28.4788, 11.0583, -23.3517

Monochromacy



Original Color

29.4173, 40.9725, -74.7836

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

27.9051, 12.2189, -19.6730

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.4173, 40.9725, -74.7836 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(99, 52, 186)` looks like.

```
.text, #text, p{  
    color:rgb(99, 52, 186)  
}
```

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(99, 52, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 52, 186) }
```

Border

The CSS property to change the border of an element to HunterLab 29.4173, 40.9725, -74.7836 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(99, 52, 186) }
```


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

```
.border{ border-color:rgb(99, 52, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 52, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 52, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 52, 186);  
box-shadow:4px 4px 4px 4px rgb(99, 52,  
186) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.4173, 40.9725, -74.7836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 52, 186) }
```

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

```
.background{ background-color: rgb(99, 52,  
186) }
```

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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