

Converting Colors

HunterLab(40.4103, 73.2039,
-4.8953)

Have a look what the booklet for
HunterLab(40.4103, 73.2039,
-4.8953) contains.

HunterLab(40.4517, 73.2590, -4.7455)	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(40.4517, 73.2590,
-4.7455)**

Conversions

Conversions Part 1

Format	Color
Hex	D90082
RGB	217, 0, 130
RGB Percent	85%, 0%, 51%
CMY	0.1490, 0.9998, 0.4902
CMYK	0.00, 1.00, 0.40, 0.15
HSL	324°, 100%, 43%
HSV	324°, 100%, 85%
XYZ	32.6445, 16.3634, 22.5569
YIQ	79.7030, 87.6020, 86.4340

Conversions

Conversions Part 2

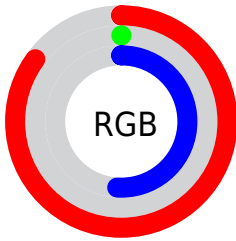
Format	Color
R_{YB}	217, 0, 130
Decimal	14221442
CIE Lab	47.45, 76.67, -8.95
CIE LCh	47, 77.190, 353.344
Yxy	16.3643, 0.4561, 0.2287
Android (android.graphics.Color)	4292411522 (0xFFD90082)
YUV	79.7030, 24.7964, 120.4095
Hunter-Lab	40.4517, 73.2590, -4.7455

Details

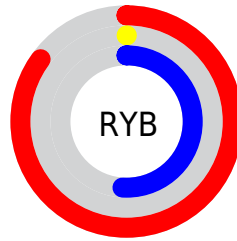
The HunterLab color **40.4517, 73.2590, -4.7455** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **70.9329, -57.3572, 35.1599**, and the grayscale version is **28.1155, -1.5002, 1.5276**.

A 20% lighter version of the original color is **56.8623, 68.7953, -10.4698**, and **27.6803, 49.5495, 1.2497** is the 20% darker color. If you saturate the color by 10%, you get **40.4511, 73.2569, -4.7375**, and if you desaturate by 10%, it is **41.4381, 71.9430, -7.9925**.

Distribution



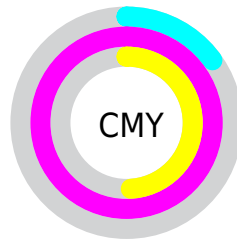
- Red (85%)
- Green (0%)
- Blue (51%)



- Red (85%)
- Yellow (0%)
- Blue (51%)



- Cyan (0%)
- Magenta (100%)
- Yellow (40%)
- Black (15%)



- Cyan (15%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4517, 73.2590, -4.7455 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 40.4517, 73.2590, -4.7455 by changing the saturation by 10% instead.

40.4517, 73.2590,
-4.7455

40.4517, 73.2590,
-4.7455

152.1454, 92.4463,
-2.0240

31.2767, 70.8940,
-4.7681

61.0160, 78.0503,
-4.4937

22.9235, 68.7644,
-4.7132

72.3060, 80.3686,
-4.2804

15.4841, 67.3203,
-4.5687

84.2174, 82.6047,
-4.0150

9.0810, 68.0374,
-4.3407

96.7194, 84.7518,
-3.7014

0.0000, INF, -NF

0.0000, INF, NaN

109.7852, 86.8081,
-3.3429

0.0000, NaN, NaN

123.3916, 88.7743,

0.0000, NaN, NaN

-2.9423

0.0000, NaN, NaN

137.5178, 90.6527,
-2.5020

■ 40.4517, 73.2590,
-4.7455

■ 40.4517, 73.2590,
-4.7455

■ 40.4511, 73.2569,
-4.7375

■ 41.4381, 71.9430,
-7.9925

■ 43.1638, 68.3488,
-10.3513

■ 45.7740, 62.3220,
-11.5034

■ 49.2466, 54.3981,
-11.4484

■ 53.5057, 45.2380,
-10.3338

■ 58.4532, 35.4160,
-8.3666

■ 63.9902, 25.3398,
-5.7488

■ 70.0272, 15.2585,
-2.6474

■ 76.4888, 5.3046,
0.8106

Harmonies

Analogous

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



40.4529, 55.8125, -46.6571



40.4517, 73.2590, -4.7455



40.4529, 66.2169, 18.5533

Triad

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



40.4529, 73.2549, -4.7441



40.4529, -22.7085, 27.1964



40.4529, -31.3371, -71.9879

Complementary

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



40.4517, 73.2590, -4.7455



70.9329, -57.3572, 35.1599

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.



40.4529, -42.8844, -26.3987



40.4517, 73.2590, -4.7455



40.4529, -39.0216, 23.2548

Square

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



40.4529, 73.2549, -4.7441



40.4529, 4.7981, 27.7905



40.4529, -45.2124, 8.0999



40.4529, -8.6786, -100.1807

Rectangle

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



40.4517, 73.2590, -4.7455



40.4529, 49.3706, 24.7357



40.4529, -45.2124, 8.0999



40.4529, -36.3419, -57.0854

Sweetspot

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



40.4529, 73.2549, -4.7441



76.6156, 30.7768, -7.0028



26.5114, 64.2885, -129.3478



34.1044, 16.6262, -3.8926

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.4529, 73.2549, -4.7441



48.5299, 87.8306, -5.2427



38.4832, 66.0453, 23.7202



36.3068, 2.2540, 0.4752



31.5066, 57.1196, -4.1647



8.1238, 14.9147, -2.5213

Inverse Universe

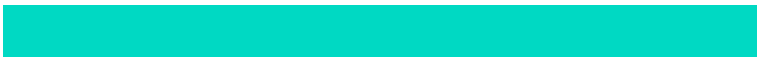
The Inverse Universe completely reimagines the original color for something new.



40.4529, 73.2549, -4.7441



48.5299, 87.8306, -5.2427



73.1983, -43.4827, 2.3773



36.3068, 2.2540, 0.4752



31.5066, 57.1196, -4.1647



8.1238, 14.9147, -2.5213

Previews

White Background



This preview shows how the HunterLab color 40.4517, 73.2590, -4.7455 looks on a white background.

Color Contrast Check

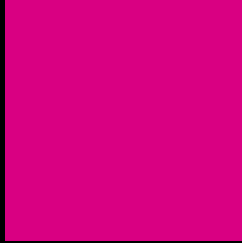
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.4517, 73.2590, -4.7455 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 40.4517, 73.2590, -4.7455 Background



This preview shows how black text looks on a background with the HunterLab color 40.4517, 73.2590, -4.7455.



This preview shows how white text looks on a background with the HunterLab color 40.4517, 73.2590,

-4.7455.

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

40.4517, 73.2590, -4.7455

Protanopia

41.3612, 7.5009, -41.7748

Deuteranopia

41.1829, 2.9311, -0.6145



Tritanopia

40.9522, 55.9009, 21.3368

Trichromacy



Original Color

40.4517, 73.2590, -4.7455

Protanomaly

34.9946, 34.7005, -38.9519

Deuteranomaly

36.2351, 34.1068, -8.2765

Tritanomaly

39.9039, 63.1722, 14.1281

Monochromacy



Original Color

40.4517, 73.2590, -4.7455

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.2760, 30.0223, -6.2803

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4517, 73.2590, -4.7455 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(217, 0, 130)` looks like.

```
.text, #text, p{  
    color:rgb(217, 0, 130)  
}
```

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(217, 0, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 0, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4517, 73.2590, -4.7455 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(217, 0, 130) }
```


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

```
.border{ border-color:rgb(217, 0, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 0, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 0, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 0, 130);  
box-shadow:4px 4px 4px 4px rgb(217, 0,  
130) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4517, 73.2590, -4.7455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 0, 130) }
```

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

```
.background{ background-color: rgb(217, 0,  
130) }
```

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