

Converting Colors

HunterLab(40.0892, 72.8221,
-6.4060)

Have a look what the booklet for
HunterLab(40.0892, 72.8221,
-6.4060) contains.

HunterLab(40.1410, 72.8928, -6.2327)	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(40.1410, 72.8928,
-6.2327)**

Conversions

Conversions Part 1

Format	Color
Hex	D70084
RGB	215, 0, 132
RGB Percent	84%, 0%, 52%
CMY	0.1569, 0.9998, 0.4824
CMYK	0.00, 1.00, 0.39, 0.16
HSL	323°, 100%, 42%
HSV	323°, 100%, 84%
XYZ	32.1892, 16.1130, 23.2433
YIQ	79.3330, 85.7680, 86.6320

Conversions

Conversions Part 2

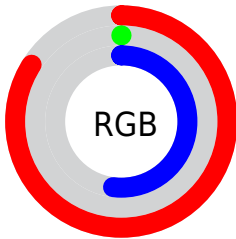
Format	Color
R _Y B	215, 0, 132
Decimal	14090372
CIE Lab	47.12, 76.44, -10.70
CIE LCh	47, 77.181, 352.034
Yxy	16.1139, 0.4499, 0.2252
Android (android.graphics.Color)	4292280452 (0xFFD70084)
YUV	79.3330, 25.9648, 118.9800
Hunter-Lab	40.1410, 72.8928, -6.2327

Details

The HunterLab color **40.1410, 72.8928, -6.2327** 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 **70.1614, -56.9813, 35.3128**, and the grayscale version is **27.9782, -1.4928, 1.5201**.

A 20% lighter version of the original color is **56.7846, 69.5500, -11.7160**, and **27.3762, 49.1638, 0.0061** is the 20% darker color. If you saturate the color by 10%, you get **40.1404, 72.8908, -6.2250**, and if you desaturate by 10%, it is **41.1168, 71.5620, -9.3568**.

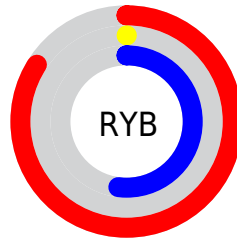
Distribution



Red (84%)

Green (0%)

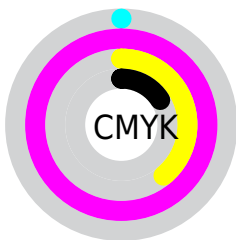
Blue (52%)



Red (84%)

Yellow (0%)

Blue (52%)

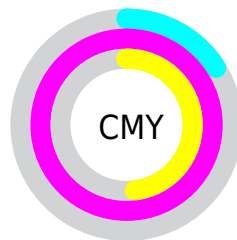


Cyan (0%)

Magenta (100%)

Yellow (39%)

Black (16%)



Cyan (16%)

Magenta (100%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.1410, 72.8928, -6.2327 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 40.1410, 72.8928, -6.2327 by changing the saturation by 10% instead.

40.1410, 72.8928, -6.2327

40.1410, 72.8928, -6.2327

151.6618, 92.0491, -4.1337

30.9916, 70.5332, -6.1730

60.6596, 77.6773, -6.1369

22.6666, 68.4139, -6.0337

71.9288, 79.9924, -5.9972

15.2588, 66.9958, -5.8057

83.8205, 82.2254, -5.8028

8.8805, 67.9356, -5.5315

96.3037, 84.3692, -5.5578

0.0000, INF, -NF

0.0000, INF, NaN

109.3516, 86.4220, -5.2656

0.0000, NaN, NaN

122.9407, 88.3846,

0.0000, NaN, NaN

-4.9292

0.0000, NaN, NaN

137.0503, 90.2593,
-4.5512

■ 40.1410, 72.8928,
-6.2327

■ 40.1410, 72.8928,
-6.2327

■ 40.1404, 72.8908,
-6.2250

■ 41.1168, 71.5620,
-9.3568

■ 42.8196, 67.9793,
-11.5659

■ 45.3943, 61.9866,
-12.5503

■ 48.8196, 54.1121,
-12.3220

■ 53.0214, 45.0087,
-11.0386

■ 57.9036, 35.2451,
-8.9132

■ 63.3686, 25.2260,
-6.1504

■ 69.3286, 15.1999,
-2.9180

■ 75.7088, 5.2993,
0.6578

Harmonies

Analogous

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



40.1422, 54.5281, -48.6821



40.1410, 72.8928, -6.2327



40.1422, 66.9451, 17.8537

Triad

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



40.1422, 72.8888, -6.2313



40.1422, -21.6552, 27.0975



40.1422, -31.9388, -70.1106

Complementary

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



40.1410, 72.8928, -6.2327



70.1614, -56.9813, 35.3128

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.



40.1422, -42.9797, -24.4892



40.1410, 72.8928, -6.2327



40.1422, -38.3794, 23.4571

Square

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



40.1422, 72.8888, -6.2313



40.1422, 6.2080, 27.6027



40.1422, -44.9272, 9.0995



40.1422, -9.8646, -99.7414

Rectangle

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



40.1410, 72.8928, -6.2327



40.1422, 50.6106, 24.3461



40.1422, -44.9272, 9.0995



40.1422, -36.7589, -55.0338

Sweetspot

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



40.1422, 72.8888, -6.2313



76.6561, 30.9802, -7.5746



25.9248, 63.3124, -129.9477



34.1261, 16.7331, -4.1979

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.1422, 72.8888, -6.2313



48.6607, 88.3031, -7.0848



38.1034, 65.4326, 23.1829



35.4227, 2.2110, 0.4036



31.0782, 56.4963, -5.2961



7.7365, 14.2487, -2.7505

Inverse Universe

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



40.1422, 72.8888, -6.2313



48.6607, 88.3031, -7.0848



72.3294, -43.6887, 3.9081



35.4227, 2.2110, 0.4036



31.0782, 56.4963, -5.2961



7.7365, 14.2487, -2.7505

Previews

White Background



This preview shows how the HunterLab color 40.1410, 72.8928, -6.2327 looks on a white background.

Color Contrast Check

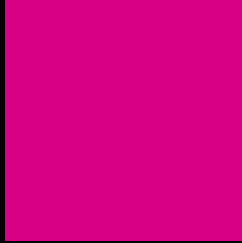
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.1410, 72.8928, -6.2327 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 40.1410, 72.8928, -6.2327 Background



This preview shows how black text looks on a background with the HunterLab color 40.1410, 72.8928, -6.2327.



This preview shows how white text looks on a background with the HunterLab color 40.1410, 72.8928, -6.2327.

-6.2327.

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

40.1410, 72.8928, -6.2327

Protanopia

41.0327, 8.0162, -44.1411

Deuteranopia

40.8006, 3.1315, -2.0348



Tritanopia

40.5265, 54.4852, 20.8202

Trichromacy



Original Color

40.1410, 72.8928, -6.2327



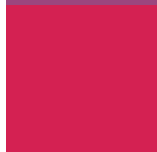
Protanomaly

34.7555, 34.3304, -41.1798



Deuteranomaly

35.8542, 34.2045, -9.9487



Tritanomaly

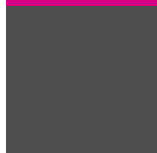
39.6156, 62.3242, 13.5550

Monochromacy



Original Color

40.1410, 72.8928, -6.2327



Achromatopsia

27.9620, -1.4920, 1.5192



Achromatomaly

27.8428, 29.7922, -6.9282

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.1410, 72.8928, -6.2327 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(215, 0, 132)` looks like.

```
.text, #text, p{  
    color:rgb(215, 0, 132)  
}
```

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(215, 0, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 0, 132) }
```

Border

The CSS property to change the border of an element to HunterLab 40.1410, 72.8928, -6.2327 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(215, 0, 132) }
```


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

```
.border{ border-color:rgb(215, 0, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 0, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 0, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 0, 132);  
box-shadow:4px 4px 4px 4px rgb(215, 0,  
132) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.1410, 72.8928, -6.2327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 0, 132) }
```

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

```
.background{ background-color: rgb(215, 0,  
132) }
```

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