

# Converting Colors

HunterLab(43.8960, 76.8587,  
-12.1634)

Have a look what the booklet for  
HunterLab(43.8960, 76.8587,  
-12.1634) contains.

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# Color

**HunterLab(43.8675, 76.7770,  
-12.3572)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E31799
RGB	227, 23, 153
RGB Percent	89%, 9%, 60%
CMY	0.1098, 0.9097, 0.4000
CMYK	0.00, 0.90, 0.33, 0.11
HSL	322°, 82%, 49%
HSV	322°, 90%, 89%
XYZ	37.7347, 19.2436, 31.8625
YIQ	98.8160, 79.8540, 83.6780

# Conversions

## Conversions Part 2

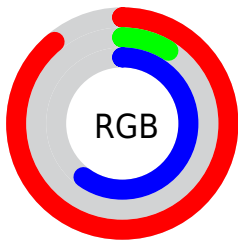
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 23, 153
Decimal	14882713
CIE Lab	50.97, 78.81, -17.31
CIE LCh	51, 80.691, 347.611
Yxy	19.2446, 0.4247, 0.2166
Android (android.graphics.Color)	4293072793 (0xFFE31799)
YUV	98.8160, 26.7127, 112.4174
Hunter-Lab	43.8675, 76.7770, -12.3572

# Details

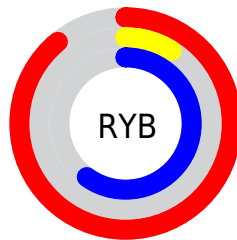
The HunterLab color **43.8675, 76.7770, -12.3572** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **74.8226, -59.4134, 36.0987**, and the grayscale version is **35.1414, -1.8751, 1.9093**.

A 20% lighter version of the original color is **59.2219, 68.6353, -21.4055**, and **30.1103, 54.7507, -5.2399** is the 20% darker color. If you saturate the color by 10%, you get **42.8661, 78.1192, -9.1389**, and if you desaturate by 10%, it is **45.6564, 72.9630, -14.5179**.

# Distribution



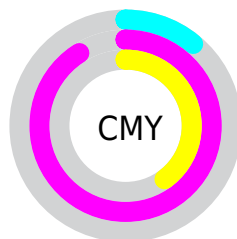
- Red (89%)
- Green (9%)
- Blue (60%)



- Red (89%)
- Yellow (9%)
- Blue (60%)



- Cyan (0%)
- Magenta (90%)
- Yellow (33%)
- Black (11%)



- Cyan (11%)
- Magenta (91%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 43.8675, 76.7770, -12.3572 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 43.8675, 76.7770, -12.3572 by changing the saturation by 10% instead.



43.8675, 76.7770,  
-12.3572

43.8675, 76.7770,  
-12.3572

157.4154, 96.2108,  
-12.2072

34.4197, 74.3601,  
-12.0675

64.9208, 81.6274,  
-12.7227

25.7676, 72.1262,  
-11.7083

76.4335, 83.9699,  
-12.8094

17.9939, 70.4231,  
-11.2882

88.5563, 86.2304,  
-12.8370

11.2121, 70.2372,  
-10.8564

101.2598, 88.4029,  
-12.8092

3.2807, 139.4553,  
-22.5543

114.5186, 90.4857,  
-12.7295

0.0000, INF, -NF

0.0000, NaN, NaN

128.3104, 92.4798,

-12.6008

0.0000, NaN, NaN

142.6152, 94.3872,  
-12.4259

0.0000, NaN, NaN

■ 43.8675, 76.7770,  
-12.3572

■ 43.8675, 76.7770,  
-12.3572

■ 42.8661, 78.1192,  
-9.1389

■ 45.6564, 72.9630,  
-14.5179

■ 42.8536, 78.1331,  
-9.0912

■ 48.3727, 66.5581,  
-15.3201

■ 51.9973, 58.1177,  
-14.7927

■ 56.4526, 48.3425,  
-13.1229

■ 61.6366, 37.8469,  
-10.5533

67.4454, 27.0700,  
-7.3124

73.7848, 16.2826,  
-3.5845

80.5749, 5.6295,  
0.4937

87.7498, -4.8251,  
4.8256

# Harmonies

## Analogous

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



43.8687, 53.9251, -59.4558



43.8675, 76.7770, -12.3572



43.8687, 74.4005, 16.8205

# Triad

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



43.8687, 76.7730, -12.3556



43.8687, -19.6740, 29.6712



43.8687, -36.9883, -67.9887

# Complementary

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



43.8675, 76.7770, -12.3572



74.8226, -59.4134, 36.0987

# 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.



43.8687, -47.3891, -19.6402



43.8675, 76.7770, -12.3572



43.8687, -39.5779, 26.5183

# Square

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



43.8687, 76.7730, -12.3556



43.8687, 11.8667, 29.8509



43.8687, -48.1739, 13.3117



43.8687, -14.9467, -104.1845



# Rectangle

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



43.8675, 76.7770, -12.3572



43.8687, 58.8544, 25.3656



43.8687, -48.1739, 13.3117



43.8687, -41.6447, -51.4957

# Sweetspot

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



43.8687, 76.7730, -12.3556



78.8387, 27.5765, -7.2493



29.2603, 63.6713, -128.1122



35.3608, 14.7196, -3.9989

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



43.8687, 76.7730, -12.3556



48.8734, 89.0701, -10.0698



41.4820, 67.8696, 21.8271



38.1075, 2.4569, 0.3113



32.7617, 59.7957, -7.4367



9.0045, 16.6089, -3.3936



# Inverse Universe

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



43.8687, 76.7730, -12.3556



48.8734, 89.0701, -10.0698



76.8925, -46.7358, 6.1074



38.1075, 2.4569, 0.3113



32.7617, 59.7957, -7.4367



9.0045, 16.6089, -3.3936



# Previews

## White Background



This preview shows how the HunterLab color 43.8675, 76.7770, -12.3572 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

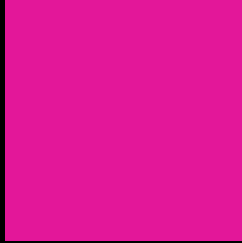
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 43.8675, 76.7770, -12.3572 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

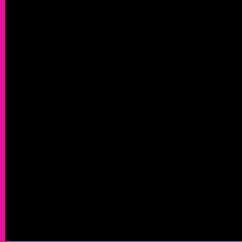
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 43.8675, 76.7770, -12.3572 Background



This preview shows how black text looks on a background with the HunterLab color 43.8675, 76.7770, -12.3572.



This preview shows how white text looks on a background with the HunterLab color 43.8675, 76.7770, -12.3572.

-12.3572.

# 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

43.8675, 76.7770, -12.3572

### Protanopia

44.4648, 11.0389, -59.0339

### Deuteranopia

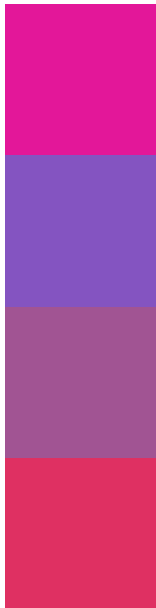
44.1157, 3.1828, -7.6856



## Tritanopia

43.9551, 55.3834, 21.1021

# Trichromacy



## Original Color

43.8675, 76.7770, -12.3572

## Protanomaly

38.8541, 34.5075, -52.4422

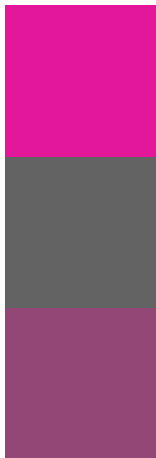
## Deuteranomaly

40.0304, 33.1073, -15.6385

## Tritanomaly

43.2247, 63.4949, 11.8964

# Monochromacy



## Original Color

43.8675, 76.7770, -12.3572

## Achromatopsia

35.3231, -1.8847, 1.9192

## Achromatomaly

34.5679, 29.5470, -8.1167

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 43.8675, 76.7770, -12.3572 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(227, 23, 153)` looks like.

```
.text, #text, p{  
  color:rgb(227, 23, 153)  
}
```

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(227, 23, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 23, 153) }
```

## Border

The CSS property to change the border of an element to HunterLab 43.8675, 76.7770, -12.3572 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(227, 23, 153) }
```



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

```
.border{ border-color:rgb(227, 23, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 23, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 23, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 23, 153); box-shadow:4px 4px 4px 4px rgb(227, 23, 153) }
```

# Background

The CSS property to change the background color of an element to HunterLab 43.8675, 76.7770, -12.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 23, 153) }
```

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

```
.background{ background-color: rgb(227, 23,  
153) }
```

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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