

Converting Colors

HunterLab(36.7970, 69.0350,
-22.8811)

Have a look what the booklet for
HunterLab(36.7970, 69.0350,
-22.8811) contains.

HunterLab(36.7960, 68.9985, -22.6117)	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(36.7960, 68.9985,
-22.6117)**

Conversions

Conversions Part 1

Format	Color
Hex	C10096
RGB	193, 0, 150
RGB Percent	76%, 0%, 59%
CMY	0.2431, 0.9999, 0.4118
CMYK	0.00, 1.00, 0.22, 0.24
HSL	313°, 100%, 38%
HSV	313°, 100%, 76%
XYZ	27.4973, 13.5395, 30.0183
YIQ	74.8070, 66.8780, 87.5660

Conversions

Conversions Part 2

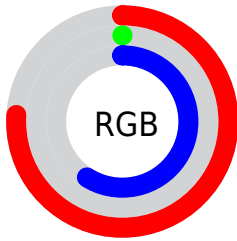
Format	Color
R_{YB}	193, 0, 150
Decimal	12648598
CIE _{Lab}	43.57, 73.94, -27.47
CIE _{LCh}	44, 78.878, 339.620
Yxy	13.5402, 0.3870, 0.1906
Android (android.graphics.Color)	4290838678 (0xFFC10096)
YUV	74.8070, 37.0701, 103.6553
Hunter-Lab	36.7960, 68.9985, -22.6117

Details

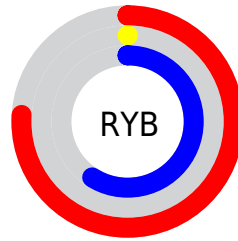
The HunterLab color **36.7960, 68.9985, -22.6117** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **61.8991, -52.0704, 35.0384**, and the grayscale version is **26.3174, -1.4042, 1.4299**.

A 20% lighter version of the original color is **56.7642, 73.2906, -23.4078**, and **24.4319, 45.5275, -12.7943** is the 20% darker color. If you saturate the color by 10%, you get **36.7958, 68.9976, -22.6078**, and if you desaturate by 10%, it is **37.6266, 67.4059, -24.0154**.

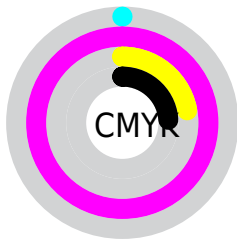
Distribution



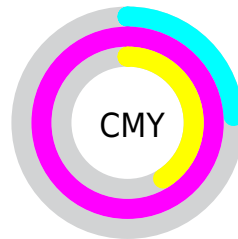
- Red (76%)
- Green (0%)
- Blue (59%)



- Red (76%)
- Yellow (0%)
- Blue (59%)



- Cyan (0%)
- Magenta (100%)
- Yellow (22%)
- Black (24%)



- Cyan (24%)
- Magenta (100%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.7960, 68.9985, -22.6117 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 36.7960, 68.9985, -22.6117 by changing the saturation by 10% instead.

36.7960, 68.9985,
-22.6117

36.7960, 68.9985,
-22.6117

146.4074, 87.8251,
-25.5653

27.9313, 66.7019,
-22.0542

56.8075, 73.7089,
-23.6425

19.9204, 64.7080,
-21.5449

67.8467, 75.9911,
-24.0835

12.8678, 63.6241,
-21.2640

79.5208, 78.1904,
-24.4679

6.2833, 74.6571,
-25.0450

91.7968, 80.2991,
-24.7952

0.0000, INF, -NF

0.0000, INF, NaN

104.6466, 82.3153,
-25.0667

0.0000, NaN, NaN

118.0457, 84.2400,

0.0000, NaN, NaN

-25.2841

0.0000, NaN, NaN

131.9724, 86.0755,
-25.4497

■ 36.7960, 68.9985,
-22.6117

■ 36.7960, 68.9985,
-22.6117

■ 36.7958, 68.9976,
-22.6078

■ 37.6266, 67.4059,
-24.0154

■ 39.0561, 63.8692,
-24.3352

■ 41.2279, 58.1894,
-23.3416

■ 44.1305, 50.8154,
-21.1675

■ 47.7073, 42.3137,
-18.0579

■ 51.8806, 33.1918,
-14.2748

■ 56.5697, 23.8220,
-10.0402

■ 61.6998, 14.4398,
-5.5189

■ 67.2063, 5.1756,
-0.8231

Harmonies

Analogous

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



36.7970, 42.3845, -70.0202



36.7960, 68.9985, -22.6117



36.7970, 73.6815, 10.0264

Triad

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



36.7970, 68.9955, -22.6101



36.7970, -11.0959, 25.7579



36.7970, -36.6252, -52.7875

Complementary

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



36.7960, 68.9985, -22.6117



61.8991, -52.0704, 35.0384

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.



36.7970, -43.2462, -8.3686



36.7960, 68.9985, -22.6117



36.7970, -31.9384, 24.1399

Square

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



36.7970, 68.9955, -22.6101



36.7970, 20.2917, 25.6257



36.7970, -41.8600, 16.4201



36.7970, -19.9351, -95.1113

Rectangle

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



36.7960, 68.9985, -22.6117



36.7970, 62.6014, 20.0857



36.7970, -41.8600, 16.4201



36.7970, -39.8150, -36.6185

Sweetspot

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



36.7970, 68.9955, -22.6101



75.3874, 32.4916, -13.7220



20.8322, 54.1495, -129.8065



33.6526, 17.5243, -7.4938



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



36.7970, 68.9955, -22.6101



49.2039, 92.1986, -29.7200



34.0752, 59.1511, 15.8078



31.9497, 2.1813, -0.2510



30.0294, 56.3442, -18.7191



6.3193, 11.9855, -4.9357

Inverse Universe

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



36.7970, 68.9955, -22.6101



49.2039, 92.1986, -29.7200



63.2335, -43.8088, 15.5360



31.9497, 2.1813, -0.2510



30.0294, 56.3442, -18.7191



6.3193, 11.9855, -4.9357

Previews

White Background



This preview shows how the HunterLab color 36.7960, 68.9985, -22.6117 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 36.7960, 68.9985, -22.6117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

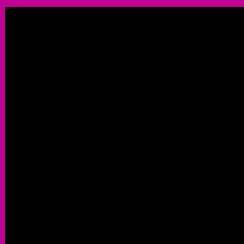
Any Text WCAG AA × Fail

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 36.7960, 68.9985, -22.6117 Background



This preview shows how black text looks on a background with the HunterLab color 36.7960, 68.9985, -22.6117.



This preview shows how white text looks on a background with the HunterLab color 36.7960, 68.9985, -22.6117.

-22.6117.

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

36.7960, 68.9985, -22.6117

Protanopia

38.0966, 13.7452, -74.2552

Deuteranopia

37.7900, 2.3946, -15.5987



Tritanopia

37.3026, 43.2637, 16.4994

Trichromacy



Original Color

36.7960, 68.9985, -22.6117



Protanomaly

30.7843, 33.2330, -74.2736



Deuteranomaly

32.7648, 31.6932, -27.0019



Tritanomaly

36.0738, 54.1417, 5.7714

Monochromacy



Original Color

36.7960, 68.9985, -22.6117



Achromatopsia

26.5255, -1.4153, 1.4412



Achromatomaly

26.3149, 28.0652, -11.6157

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.7960, 68.9985, -22.6117 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(193, 0, 150)` looks like.

```
.text, #text, p{  
    color:rgb(193, 0, 150)  
}
```

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(193, 0, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 0, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 36.7960, 68.9985, -22.6117 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(193, 0, 150) }
```


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

```
.border{ border-color:rgb(193, 0, 150) }
```

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

Here you see how a box with a 4 pixel rgb(193, 0, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 0, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 0, 150);  
box-shadow:4px 4px 4px 4px rgb(193, 0,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.7960, 68.9985, -22.6117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 0, 150) }
```

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

```
.background{ background-color: rgb(193, 0,  
150) }
```

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