

Converting Colors

HunterLab(21.0402, 40.6375,
-22.1053)

Have a look what the booklet for
HunterLab(21.0402, 40.6375,
-22.1053) contains.

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Color

**HunterLab(20.9858, 40.5100,
-21.8737)**

Conversions

Conversions Part 1

Format	Color
Hex	700066
RGB	112, 0, 102
RGB Percent	44%, 0%, 40%
CMY	0.5608, 1.0000, 0.6000
CMYK	0.00, 1.00, 0.09, 0.56
HSL	305°, 100%, 22%
HSV	305°, 100%, 44%
XYZ	9.0803, 4.4040, 12.9418
YIQ	45.1160, 34.0100, 55.4660

Conversions

Conversions Part 2

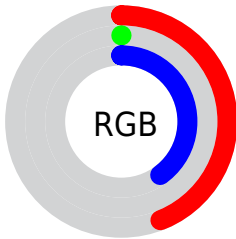
Format	Color
R_{YB}	112, 0, 102
Decimal	7340134
CIE _{Lab}	24.97, 52.00, -27.71
CIE _{LCh}	25, 58.920, 331.951
Yxy	4.4043, 0.3436, 0.1667
Android (android.graphics.Color)	4285530214 (0xFF700066)
YUV	45.1160, 28.0438, 58.6573
Hunter-Lab	20.9858, 40.5100, -21.8737

Details

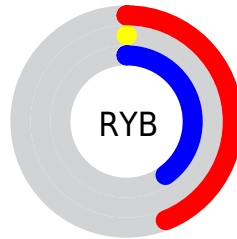
The HunterLab color **20.9858, 40.5100, -21.8737** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **34.0741, -28.9884, 19.9887**, and the grayscale version is **16.1414, -0.8613, 0.8770**.

A 20% lighter version of the original color is **38.1179, 44.2457, -22.6136**, and **11.1198, 21.5235, -12.0432** is the 20% darker color. If you saturate the color by 10%, you get **20.9859, 40.5100, -21.8731**, and if you desaturate by 10%, it is **21.6060, 38.6292, -21.2231**.

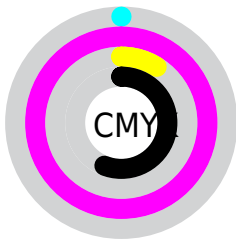
Distribution



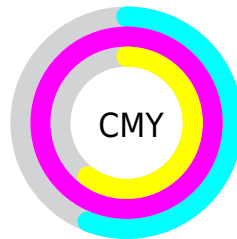
- Red (44%)
- Green (0%)
- Blue (40%)



- Red (44%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (9%)
- Black (56%)



- Cyan (56%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.9858, 40.5100, -21.8737 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 20.9858, 40.5100, -21.8737 by changing the saturation by 10% instead.

20.9858, 40.5100,
-21.8737

20.9858, 40.5100,
-21.8737

119.9629, 55.1773,
-25.6177

13.7919, 38.6510,
-21.5483

38.1010, 44.4341,
-22.9526

7.4141, 39.8507,
-23.1455

47.8500, 46.2838,
-23.4899

0.0000, INF, -NF

58.3124, 48.0254,
-23.9827

0.0000, NaN, -NF

69.4426, 49.6573,
-24.4220

0.0000, NaN, NaN

81.2028, 51.1828,
-24.8046

0.0000, NaN, NaN

93.5607, 52.6075,

0.0000, NaN, NaN

-25.1305

0.0000, NaN, NaN

106.4888, 53.9370,
-25.4010

20.9858, 40.5100,
-21.8737

20.9858, 40.5100,
-21.8737

20.9859, 40.5100,
-21.8731

21.6060, 38.6292,
-21.2231

22.4361, 36.1242,
-20.1523

23.6357, 32.5945,
-18.3904

25.1943, 28.2809,
-16.0695

27.0840, 23.4558,
-13.3511

■ 29.2687, 18.3563,
-10.3833

■ 31.7110, 13.1566,
-7.2808

■ 34.3758, 7.9686,
-4.1221

■ 37.2326, 2.8559,
-0.9563

Harmonies

Analogous

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



20.9863, 21.2680, -52.7950



20.9858, 40.5100, -21.8737



20.9863, 47.7014, 2.2644

Triad

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



20.9863, 40.5086, -21.8727



20.9863, -2.3208, 14.6904



20.9863, -23.6091, -25.8875

Complementary

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



20.9858, 40.5100, -21.8737



34.0741, -28.9884, 19.9887

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.



20.9863, -26.1839, -0.0453



20.9858, 40.5100, -21.8737



20.9863, -16.8483, 14.6904

Square

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



20.9863, 40.5086, -21.8727



20.9863, 18.4063, 14.6904



20.9863, -24.2230, 11.6494



20.9863, -15.3887, -56.2187

Rectangle

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



20.9858, 40.5100, -21.8737



20.9863, 43.2248, 10.2754



20.9863, -24.2230, 11.6494



20.9863, -25.0037, -15.8958

Sweetspot

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



20.9863, 40.5086, -21.8727



41.7624, 17.9854, -9.9800



11.0919, 29.5380, -74.5888



19.9388, 9.9201, -5.5545



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



20.9863, 40.5086, -21.8727



27.7987, 53.6355, -28.7751



19.0985, 33.7653, 4.1182



18.5704, 1.1652, -0.3183



22.5603, 43.5433, -23.4689



50.2876, 96.9576, -51.5237

Inverse Universe

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



20.9863, 40.5086, -21.8727



27.7987, 53.6355, -28.7751



34.6036, -25.6943, 12.2160



18.5704, 1.1652, -0.3183



22.5603, 43.5433, -23.4689



50.2876, 96.9576, -51.5237

Previews

White Background



This preview shows how the HunterLab color 20.9858, 40.5100, -21.8737 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 20.9858, 40.5100, -21.8737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

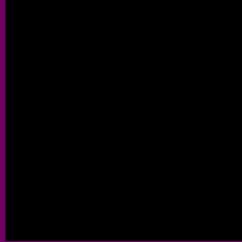
Any Text WCAG AA × Fail

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 20.9858, 40.5100, -21.8737 Background



This preview shows how black text looks on a background with the HunterLab color 20.9858, 40.5100, -21.8737.



This preview shows how white text looks on a background with the HunterLab color 20.9858, 40.5100, -21.8737.

-21.8737.

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

20.9858, 40.5100, -21.8737

Protanopia

22.1866, 6.4785, -41.7166

Deuteranopia

22.3694, 1.2397, -15.5257



Tritanopia

21.8087, 20.2638, 7.5797

Trichromacy



Original Color

20.9858, 40.5100, -21.8737

Protanomaly

18.0399, 17.6047, -45.9362

Deuteranomaly

19.3365, 17.5045, -23.2094

Tritanomaly

20.6242, 28.4505, -0.7375

Monochromacy



Original Color

20.9858, 40.5100, -21.8737

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

15.9289, 15.5702, -9.0972

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.9858, 40.5100, -21.8737 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(112, 0, 102)` looks like.

```
.text, #text, p{  
    color:rgb(112, 0, 102)  
}
```

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(112, 0, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 0, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 20.9858, 40.5100, -21.8737 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(112, 0, 102) }
```


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

```
.border{ border-color:rgb(112, 0, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 0, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 0, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 0, 102);  
box-shadow:4px 4px 4px 4px rgb(112, 0,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.9858, 40.5100, -21.8737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 0, 102) }
```

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

```
.background{ background-color: rgb(112, 0,  
102) }
```

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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