

# Converting Colors

HunterLab(21.0331, 42.1596,  
-34.0033)

Have a look what the booklet for  
HunterLab(21.0331, 42.1596,  
-34.0033) contains.

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# Color

**HunterLab(21.0004, 42.0794,  
-33.8378)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B0075
RGB	107, 0, 117
RGB Percent	42%, 0%, 46%
CMY	0.5804, 1.0000, 0.5412
CMYK	0.09, 1.00, 0.00, 0.54
HSL	295°, 100%, 23%
HSV	295°, 100%, 46%
XYZ	9.2743, 4.4102, 17.1921
YIQ	45.3310, 26.2150, 59.0710

# Conversions

## Conversions Part 2

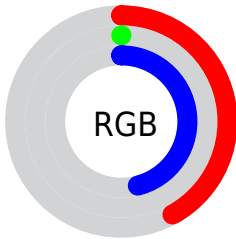
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 0, 117
Decimal	7012469
CIE <sub>Lab</sub>	24.98, 53.53, -37.44
CIE <sub>LCh</sub>	25, 65.326, 325.035
Yxy	4.4104, 0.3004, 0.1428
Android (android.graphics.Color)	4285202549 (0xFF6B0075)
YUV	45.3310, 35.3328, 54.0837
Hunter-Lab	21.0004, 42.0794, -33.8378

# Details

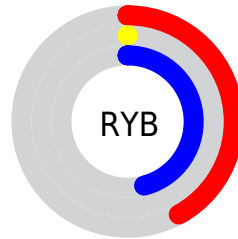
The HunterLab color **21.0004, 42.0794, -33.8378** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **35.7592, -30.1994, 21.5057**, and the grayscale version is **16.1906, -0.8639, 0.8797**.

A 20% lighter version of the original color is **38.2073, 46.0246, -34.6663**, and **11.0886, 22.7533, -22.0103** is the 20% darker color. If you saturate the color by 10%, you get **21.0005, 42.0796, -33.8378**, and if you desaturate by 10%, it is **21.7450, 40.1211, -31.7864**.

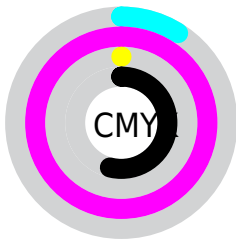
# Distribution



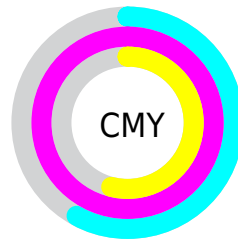
- Red (42%)
- Green (0%)
- Blue (46%)



- Red (42%)
- Yellow (0%)
- Blue (46%)



- Cyan (9%)
- Magenta (100%)
- Yellow (0%)
- Black (54%)



- Cyan (58%)
- Magenta (100%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0004, 42.0794, -33.8378 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 21.0004, 42.0794, -33.8378 by changing the saturation by 10% instead.



■ 21.0004, 42.0794, -33.8378	■ 21.0004, 42.0794, -33.8378
■ 119.9889, 57.1644, -38.7290	■ 13.8046, 40.2256, -34.1806
■ 38.1187, 46.0708, -34.6792	■ 7.4282, 41.5418, -38.1398
■ 47.8691, 47.9671, -35.3113	0.0000, INF, -NF
■ 58.3328, 49.7584, -35.9616	0.0000, NaN, -NF
■ 69.4643, 51.4412, -36.5958	0.0000, NaN, NaN
■ 81.2256, 53.0180, -37.1964	0.0000, NaN, NaN
■ 93.5846, 54.4938,	0.0000, NaN, NaN

-37.7547

0.0000, NaN, NaN

106.5138, 55.8741,  
-38.2661

21.0004, 42.0794,  
-33.8378

21.0004, 42.0794,  
-33.8378

21.0005, 42.0796,  
-33.8378

21.7450, 40.1211,  
-31.7864

22.7260, 37.4564,  
-29.2479

24.0993, 33.7140,  
-25.9651

25.8486, 29.1751,  
-22.1644

27.9403, 24.1382,  
-18.0738

■ 30.3337, 18.8498,  
-13.8738

■ 32.9884, 13.4829,  
-9.6847

■ 35.8676, 8.1440,  
-5.5759

■ 38.9399, 2.8903,  
-1.5798

# Harmonies

## Analogous

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



21.0009, 18.3591, -69.4282



21.0004, 42.0794, -33.8378



21.0009, 54.5453, -2.3782

# Triad

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



21.0009, 42.0785, -33.8367



21.0009, 2.4097, 14.7006



21.0009, -26.2757, -21.8052

# Complementary

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



21.0004, 42.0794, -33.8378



35.7592, -30.1994, 21.5057

# 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.



21.0009, -27.7744, 4.1438



21.0004, 42.0794, -33.8378



21.0009, -15.3674, 14.7006

# Square

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



21.0009, 42.0785, -33.8367



21.0009, 26.6693, 14.7006



21.0009, -24.6893, 13.5874



21.0009, -19.3122, -58.9112



# Rectangle

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



21.0004, 42.0794, -33.8378



21.0009, 52.3077, 8.7450



21.0009, -24.6893, 13.5874



21.0009, -27.2852, -11.1372

# Sweetspot

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



21.0009, 42.0785, -33.8367



43.8554, 18.6029, -13.3943



12.4107, 26.3038, -72.2929



20.4541, 10.0553, -7.3051



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704



# Same Dimension

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



21.0009, 42.0785, -33.8367



28.0512, 56.2373, -45.4290



20.5592, 37.3699, -3.4843



19.3463, 1.1797, -0.5934



22.0359, 44.1586, -35.5394



48.4547, 97.2112, -79.0071



# Inverse Universe

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



19.5038, 33.5115, 11.7314



26.0798, 44.7746, 15.9826



35.9532, -28.8074, 17.2491



19.2496, 0.5811, 1.3909



20.4689, 35.1657, 12.3581



45.1232, 77.3978, 28.2044



# Previews

## White Background



This preview shows how the HunterLab color 21.0004, 42.0794, -33.8378 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 21.0004, 42.0794, -33.8378 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

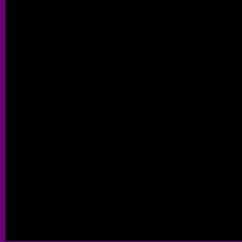
Any Text WCAG AA × Fail

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 21.0004, 42.0794, -33.8378 Background



This preview shows how black text looks on a background with the HunterLab color 21.0004, 42.0794, -33.8378.



This preview shows how white text looks on a background with the HunterLab color 21.0004, 42.0794, -33.8378.



# 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

21.0004, 42.0794, -33.8378

### Protanopia

22.1269, 6.1715, -40.9793

### Deuteranopia

22.3041, 0.9926, -25.4531



## Tritanopia

21.9736, 15.7857, 5.9760

# Trichromacy



## Original Color

21.0004, 42.0794, -33.8378

## Protanomaly

18.2691, 18.8391, -50.2980

## Deuteranomaly

18.8743, 17.0453, -37.1473

## Tritanomaly

20.4888, 26.4784, -5.6588

# Monochromacy



## Original Color

21.0004, 42.0794, -33.8378

## Achromatopsia

16.1991, -0.8643, 0.8801

## Achromatomaly

16.0081, 16.1486, -11.9320

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 21.0004, 42.0794, -33.8378 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(107, 0, 117)` looks like.

```
.text, #text, p{  
    color:rgb(107, 0, 117)  
}
```

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(107, 0, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 0, 117) }
```

## Border

The CSS property to change the border of an element to HunterLab 21.0004, 42.0794, -33.8378 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(107, 0, 117) }
```



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

```
.border{ border-color:rgb(107, 0, 117) }
```

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

Here you see how a box with a 4 pixel rgb(107, 0, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 0, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 0, 117);  
box-shadow:4px 4px 4px 4px rgb(107, 0,  
117) }
```

# Background

The CSS property to change the background color of an element to HunterLab 21.0004, 42.0794, -33.8378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 0, 117) }
```

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

```
.background{ background-color: rgb(107, 0,  
117) }
```

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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