

# Converting Colors

HunterLab(18.9530, 34.8853,  
-6.5725)

Have a look what the booklet for  
HunterLab(18.9530, 34.8853,  
-6.5725) contains.

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# Color

**HunterLab(18.9228, 34.8100,  
-6.4085)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B0047
RGB	107, 0, 71
RGB Percent	42%, 0%, 28%
CMY	0.5804, 1.0000, 0.7216
CMYK	0.00, 1.00, 0.34, 0.58
HSL	320°, 100%, 21%
HSV	320°, 100%, 42%
XYZ	7.2007, 3.5807, 6.2729
YIQ	40.0870, 40.9810, 44.7650

# Conversions

## Conversions Part 2

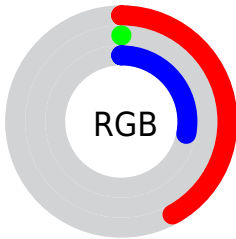
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 0, 71
Decimal	7012423
CIELab	22.23, 46.76, -11.32
CIElCh	22, 48.116, 346.390
Yxy	3.5809, 0.4222, 0.2100
Android (android.graphics.Color)	4285202503 (0xFF6B0047)
YUV	40.0870, 15.2401, 58.6827
Hunter-Lab	18.9228, 34.8100, -6.4085

# Details

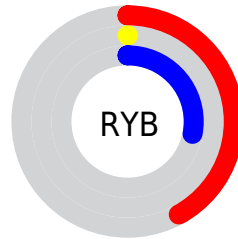
The HunterLab color **18.9228, 34.8100, -6.4085** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **32.6234, -26.5797, 16.6025**, and the grayscale version is **14.5393, -0.7758, 0.7899**.

A 20% lighter version of the original color is **35.6091, 38.2574, -6.4473**, and **9.6156, 17.3389, -0.5454** is the 20% darker color. If you saturate the color by 10%, you get **18.9227, 34.8096, -6.4072**, and if you desaturate by 10%, it is **19.6496, 33.1642, -7.1812**.

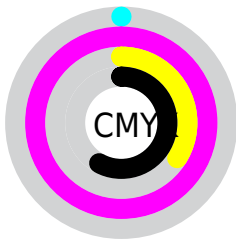
# Distribution



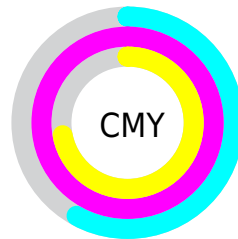
- Red (42%)
- Green (0%)
- Blue (28%)



- Red (42%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (34%)
- Black (58%)



- Cyan (58%)
- Magenta (100%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.9228, 34.8100, -6.4085 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 18.9228, 34.8100, -6.4085 by changing the saturation by 10% instead.



18.9228, 34.8100,  
-6.4085

18.9228, 34.8100,  
-6.4085

116.2307, 48.1977,  
-5.8017

12.0084, 33.0250,  
-6.1113

35.5700, 38.5035,  
-6.7414

4.9737, 45.0584,  
-9.2045

45.1149, 40.2137,  
-6.7887

0.0000, INF, NaN

0.0000, NaN, NaN

55.3874, 41.8082,  
-6.7664

0.0000, NaN, NaN

66.3394, 43.2889,  
-6.6808

0.0000, NaN, NaN

77.9309, 44.6614,  
-6.5373

0.0000, NaN, NaN

0.0000, NaN, NaN

90.1285, 45.9326,

-6.3406

0.0000, NaN, NaN

102.9034, 47.1092,  
-6.0942

18.9228, 34.8100,  
-6.4085

18.9228, 34.8100,  
-6.4085

18.9227, 34.8096,  
-6.4072

19.6496, 33.1642,  
-7.1812

20.5675, 31.0198,  
-7.6700

21.8423, 27.9569,  
-7.6124

23.4562, 24.2145,  
-7.0581

25.3770, 20.0425,  
-6.0942

■ 27.5671, 15.6461,  
-4.8140

■ 29.9897, 11.1687,  
-3.2998

■ 32.6119, 6.6991,  
-1.6159

■ 35.4053, 2.2857,  
0.1902

# Harmonies

## Analogous

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



18.9233, 23.9566, -28.2683



18.9228, 34.8100, -6.4085



18.9233, 34.2282, 7.1301

# Triad

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



18.9233, 34.8082, -6.4078



18.9233, -8.3095, 13.2463



18.9233, -16.7628, -30.3765

# Complementary

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



18.9228, 34.8100, -6.4085



32.6234, -26.5797, 16.6025

# 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.



18.9233, -21.1373, -8.1790



18.9228, 34.8100, -6.4085



18.9233, -17.3702, 12.1188

# Square

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



18.9233, 34.8082, -6.4078



18.9233, 6.0715, 13.2463



18.9233, -21.3193, 6.3055



18.9233, -7.1837, -47.7728



# Rectangle

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



18.9228, 34.8100, -6.4085



18.9233, 27.3629, 11.1019



18.9233, -21.3193, 6.3055



18.9233, -18.7439, -22.7037

# Sweetspot

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



18.9233, 34.8082, -6.4078



39.8423, 15.4589, -4.5989



11.9621, 29.3554, -61.0593



19.0819, 8.5461, -2.5909



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715



# Same Dimension

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



18.9233, 34.8082, -6.4078



25.2756, 46.4161, -7.9374



17.8021, 30.7263, 9.6242



17.7410, 0.9123, 0.1896



20.8575, 38.3447, -6.8753



46.9047, 85.9199, -13.0560



# Inverse Universe

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



18.9233, 34.8082, -6.4078



25.2756, 46.4161, -7.9374



33.5254, -21.0370, 3.5099



17.7410, 0.9123, 0.1896



20.8575, 38.3447, -6.8753

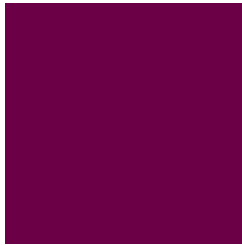


46.9047, 85.9199, -13.0560



# Previews

## White Background



This preview shows how the HunterLab color 18.9228, 34.8100, -6.4085 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



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

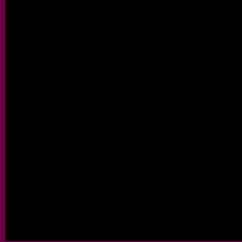
Any Text WCAG AA × Fail

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 18.9228, 34.8100, -6.4085 Background



This preview shows how black text looks on a background with the HunterLab color 18.9228, 34.8100, -6.4085.



This preview shows how white text looks on a background with the HunterLab color 18.9228, 34.8100,

-6.4085.

# 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

18.9228, 34.8100, -6.4085

### Protanopia

20.3544, 3.7615, -23.2551

### Deuteranopia

20.3008, 0.8972, -2.5284



## Tritanopia

19.6527, 23.2464, 9.0100

# Trichromacy



## Original Color

18.9228, 34.8100, -6.4085

## Protanomaly

17.3899, 15.3781, -21.9944

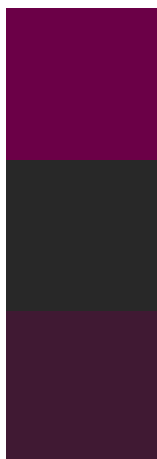
## Deuteranomaly

17.9321, 14.9532, -6.7705

## Tritanomaly

19.0203, 27.6834, 4.7770

# Monochromacy



## Original Color

18.9228, 34.8100, -6.4085

## Achromatopsia

14.5667, -0.7772, 0.7914

## Achromatomaly

14.2277, 13.4863, -4.0485

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 18.9228, 34.8100, -6.4085 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, 71)` looks like.

```
.text, #text, p{  
    color:rgb(107, 0, 71)  
}
```

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, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 0, 71) }
```

## Border

The CSS property to change the border of an element to HunterLab 18.9228, 34.8100, -6.4085 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, 71) }
```



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

```
.border{ border-color:rgb(107, 0, 71) }
```

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, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 0, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 0, 71);  
box-shadow:4px 4px 4px 4px rgb(107, 0, 71)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 18.9228, 34.8100, -6.4085 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, 71) }
```

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

```
.background{ background-color: rgb(107, 0,  
71) }
```

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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