

# Converting Colors

HunterLab(17.8331, 33.3552,  
-10.3025)

Have a look what the booklet for  
HunterLab(17.8331, 33.3552,  
-10.3025) contains.

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# Color

**HunterLab(17.7782, 33.3031,  
-10.6618)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	63004B
RGB	99, 0, 75
RGB Percent	39%, 0%, 29%
CMY	0.6118, 1.0000, 0.7059
CMYK	0.00, 1.00, 0.24, 0.61
HSL	315°, 100%, 19%
HSV	315°, 100%, 39%
XYZ	6.4156, 3.1606, 6.9285
YIQ	38.1510, 34.9290, 44.3130

# Conversions

## Conversions Part 2

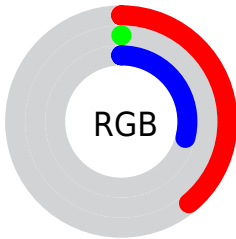
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 0, 75
Decimal	6488139
CIE <sub>Lab</sub>	20.68, 45.49, -16.61
CIE <sub>LCh</sub>	21, 48.430, 339.941
Yxy	3.1608, 0.3887, 0.1915
Android (android.graphics.Color)	4284678219 (0xFF63004B)
YUV	38.1510, 18.1666, 53.3646
Hunter-Lab	17.7782, 33.3031, -10.6618

# Details

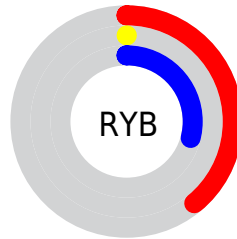
The HunterLab color **17.7782, 33.3031, -10.6618** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **29.9829, -24.9244, 16.3294**, and the grayscale version is **13.9073, -0.7421, 0.7556**.

A 20% lighter version of the original color is **34.1655, 36.8524, -11.3938**, and **8.8150, 16.2182, -3.0035** is the 20% darker color. If you saturate the color by 10%, you get **17.7782, 33.3029, -10.6609**, and if you desaturate by 10%, it is **18.4641, 31.5594, -10.8544**.

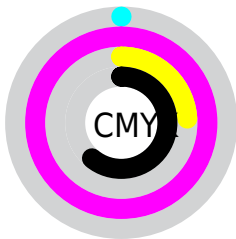
# Distribution



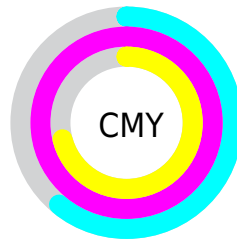
- Red (39%)
- Green (0%)
- Blue (29%)



- Red (39%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (24%)
- Black (61%)



- Cyan (61%)
- Magenta (100%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.7782, 33.3031, -10.6618 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 17.7782, 33.3031, -10.6618 by changing the saturation by 10% instead.



■ 17.7782, 33.3031,  
-10.6618

■ 17.7782, 33.3031,  
-10.6618

■ 114.1191, 46.4417,  
-11.9084

■ 11.0284, 31.5632,  
-10.2348

■ 34.1523, 36.9474,  
-11.4042

■ 2.7372, 75.3940,  
-25.6066

■ 43.5787, 38.6323,  
-11.6702

0.0000, INF, -NF

■ 53.7414, 40.1999,  
-11.8646

0.0000, NaN, NaN

■ 64.5903, 41.6523,  
-11.9915

0.0000, NaN, NaN

■ 76.0845, 42.9956,  
-12.0552

0.0000, NaN, NaN

■ 88.1897, 44.2371,

0.0000, NaN, NaN

-12.0601

0.0000, NaN, NaN

100.8764, 45.3836,  
-12.0101

17.7782, 33.3031,  
-10.6618

17.7782, 33.3031,  
-10.6618

17.7782, 33.3029,  
-10.6609

18.4641, 31.5594,  
-10.8544

19.2936, 29.4534,  
-10.7997

20.4419, 26.5139,  
-10.2090

21.8939, 22.9559,  
-9.1566

23.6222, 19.0040,  
-7.7436

■ 25.5942, 14.8445,  
-6.0684

■ 27.7777, 10.6096,  
-4.2124

■ 30.1435, 6.3826,  
-2.2364

■ 32.6664, 2.2096,  
-0.1827

# Harmonies

## Analogous

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



17.7787, 20.5767, -33.4463



17.7782, 33.3031, -10.6618



17.7787, 35.4230, 4.9446

# Triad

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



17.7787, 33.3016, -10.6610



17.7787, -5.4864, 12.4451



17.7787, -17.6023, -25.6499

# Complementary

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



17.7782, 33.3031, -10.6618



29.9829, -24.9244, 16.3294

# 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.



17.7787, -20.8440, -4.2129



17.7782, 33.3031, -10.6618



17.7787, -15.4756, 12.4451

# Square

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



17.7787, 33.3016, -10.6610



17.7787, 9.5926, 12.4451



17.7787, -20.2145, 7.8446



17.7787, -9.4936, -45.8960



# Rectangle

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



17.7782, 33.3031, -10.6618



17.7787, 30.0128, 9.7689



17.7787, -20.2145, 7.8446



17.7787, -19.1585, -17.8656

# Sweetspot

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



17.7787, 33.3016, -10.6610



36.1253, 14.3753, -5.7341



10.4135, 26.4803, -60.3290



17.2078, 7.7758, -3.1385



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255



# Same Dimension

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



17.7787, 33.3016, -10.6610



23.2507, 43.4964, -13.4949



16.5203, 28.7517, 7.0899



16.1831, 0.8537, 0.0269



20.2823, 37.9676, -11.9595



46.7259, 87.2110, -25.5531



# Inverse Universe

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



17.7787, 33.3016, -10.6610



23.2507, 43.4964, -13.4949



30.6587, -20.7493, 6.4720



16.1831, 0.8537, 0.0269



20.2823, 37.9676, -11.9595

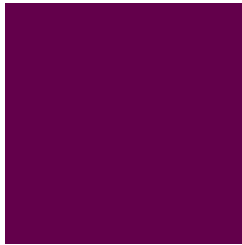


46.7259, 87.2110, -25.5531



# Previews

## White Background



This preview shows how the HunterLab color 17.7782, 33.3031, -10.6618 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

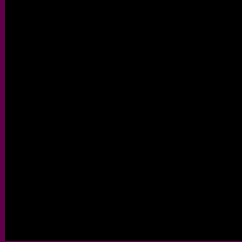
Any Text WCAG AA × Fail

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 17.7782, 33.3031, -10.6618 Background



This preview shows how black text looks on a background with the HunterLab color 17.7782, 33.3031, -10.6618.



This preview shows how white text looks on a background with the HunterLab color 17.7782, 33.3031, -10.6618.

-10.6618.

# 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

17.7782, 33.3031, -10.6618

### Protanopia

19.1206, 5.2849, -31.2580

### Deuteranopia

19.1481, 0.9263, -6.1263



## Tritanopia

18.7464, 19.9016, 7.7999

# Trichromacy



## Original Color

17.7782, 33.3031, -10.6618

## Protanomaly

15.9446, 14.9551, -30.1713

## Deuteranomaly

16.8549, 14.1959, -10.9320

## Tritanomaly

17.9231, 25.1605, 2.5882

# Monochromacy



## Original Color

17.7782, 33.3031, -10.6618

## Achromatopsia

13.9221, -0.7428, 0.7564

## Achromatomaly

13.6123, 12.7334, -5.0309

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 17.7782, 33.3031, -10.6618 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(99, 0, 75)` looks like.

```
.text, #text, p{  
    color:rgb(99, 0, 75)  
}
```

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(99, 0, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 0, 75) }
```

## Border

The CSS property to change the border of an element to HunterLab 17.7782, 33.3031, -10.6618 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(99, 0, 75) }
```



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

```
.border{ border-color:rgb(99, 0, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 0, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 0, 75); -webkit-box-shadow:4px  
4px 4px 4px rgb(99, 0, 75); box-shadow:4px  
4px 4px 4px rgb(99, 0, 75) }
```

# Background

The CSS property to change the background color of an element to HunterLab 17.7782, 33.3031, -10.6618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 0, 75) }
```

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

```
.background{ background-color: rgb(99, 0,  
75) }
```

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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