

# Converting Colors

HunterLab(28.0539, 53.3210,  
-22.7847)

Have a look what the booklet for  
HunterLab(28.0539, 53.3210,  
-22.7847) contains.

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# Color

**HunterLab(28.0539, 53.3210,  
-22.7847)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	95007D
RGB	149, 0, 125
RGB Percent	58%, 0%, 49%
CMY	0.4157, 0.9999, 0.5098
CMYK	0.00, 1.00, 0.16, 0.42
HSL	310°, 100%, 29%
HSV	310°, 100%, 58%
XYZ	16.0961, 7.8702, 20.0728
YIQ	58.8010, 48.6790, 70.4630

# Conversions

## Conversions Part 2

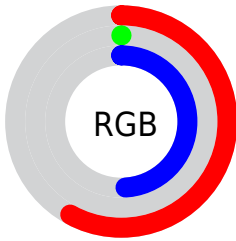
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 0, 125
Decimal	9764989
CIELab	33.71, 62.35, -28.12
CIElCh	34, 68.401, 335.728
Yxy	7.8706, 0.3655, 0.1787
Android (android.graphics.Color)	4287955069 (0xFF95007D)
YUV	58.8010, 32.6361, 79.1045
Hunter-Lab	28.0539, 53.3210, -22.7847

# Details

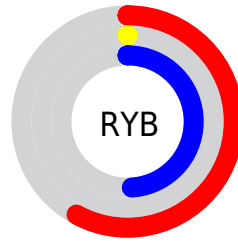
The HunterLab color **28.0539, 53.3210, -22.7847** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **46.4340, -39.3090, 26.8197**, and the grayscale version is **20.7273, -1.1060, 1.1262**.

A 20% lighter version of the original color is **46.6771, 57.5977, -23.7303**, and **16.8789, 31.9969, -13.0570** is the 20% darker color. If you saturate the color by 10%, you get **28.0539, 53.3207, -22.7831**, and if you desaturate by 10%, it is **28.7605, 51.5855, -23.0499**.

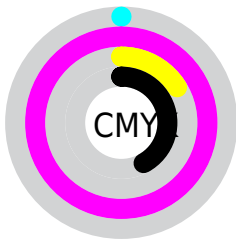
# Distribution



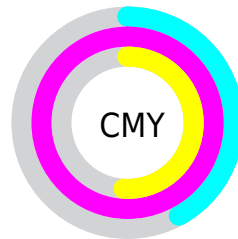
- Red (58%)
- Green (0%)
- Blue (49%)



- Red (58%)
- Yellow (0%)
- Blue (49%)



- Cyan (0%)
- Magenta (100%)
- Yellow (16%)
- Black (42%)



- Cyan (42%)
- Magenta (100%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.0539, 53.3210, -22.7847 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 28.0539, 53.3210, -22.7847 by changing the saturation by 10% instead.



28.0539, 53.3210,  
-22.7847

28.0539, 53.3210,  
-22.7847

132.1793, 70.0621,  
-26.3094

20.0307, 51.2406,  
-22.2779

46.5880, 57.6354,  
-23.8938

12.9631, 49.6111,  
-22.0211

56.9637, 59.7016,  
-24.4020

6.4104, 56.4778,  
-25.6640

68.0125, 61.6727,  
-24.8584

0.0000, INF, -NF

0.0000, NaN, -NF

79.6955, 63.5434,  
-25.2590

0.0000, NaN, NaN

91.9801, 65.3142,  
-25.6032

0.0000, NaN, NaN

0.0000, NaN, NaN

104.8381, 66.9881,

-25.8918

0.0000, NaN, NaN

118.2451, 68.5692,  
-26.1266

28.0539, 53.3210,  
-22.7847

28.0539, 53.3210,  
-22.7847

28.0539, 53.3207,  
-22.7831

28.7605, 51.5855,  
-23.0499

29.8584, 48.6007,  
-22.5479

31.4900, 44.0946,  
-21.0615

33.6441, 38.4021,  
-18.7316

36.2802, 31.9256,  
-15.7634

■ 39.3442, 25.0214,  
-12.3598

■ 42.7797, 17.9508,  
-8.6850

■ 46.5345, 10.8810,  
-4.8567

■ 50.5629, 3.9053,  
-0.9518

# Harmonies

## Analogous

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



28.0546, 30.3885, -61.4017



28.0539, 53.3210, -22.7847



28.0546, 59.7864, 5.5194

# Triad

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



28.0546, 53.3189, -22.7834



28.0546, -5.9046, 19.6382



28.0546, -29.7408, -37.4254

# Complementary

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



28.0539, 53.3210, -22.7847



46.4340, -39.3090, 26.8197

# 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.



28.0546, -33.9721, -3.1547



28.0539, 53.3210, -22.7847



28.0546, -23.4622, 19.2546

# Square

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



28.0546, 53.3189, -22.7834



28.0546, 19.8048, 19.6382



28.0546, -32.1320, 14.1433



28.0546, -17.8843, -73.7309



# Rectangle

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



28.0539, 53.3210, -22.7847



28.0546, 52.5049, 14.5822



28.0546, -32.1320, 14.1433



28.0546, -31.8847, -24.5699

# Sweetspot

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



28.0546, 53.3189, -22.7834



56.9513, 24.6101, -11.9344



15.3134, 40.3887, -99.9463



25.9674, 13.2820, -6.5101



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765



# Same Dimension

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



28.0546, 53.3189, -22.7834



37.5129, 71.2510, -30.0919



25.7669, 45.0910, 9.1476



24.2761, 1.6018, -0.3056



25.7439, 48.9416, -20.9957



2.9081, 5.6251, -3.1192



# Inverse Universe

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



28.0546, 53.3189, -22.7834



37.5129, 71.2510, -30.0919



47.2816, -34.0471, 14.4013



24.2761, 1.6018, -0.3056



25.7439, 48.9416, -20.9957



2.9081, 5.6251, -3.1192



# Previews

## White Background



This preview shows how the HunterLab color 28.0539, 53.3210, -22.7847 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

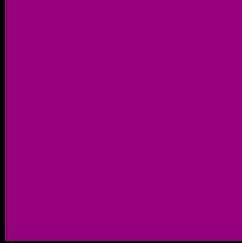
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the HunterLab color 28.0539, 53.3210, -22.7847 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

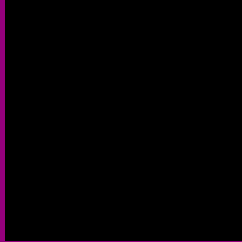
Any Text WCAG AA × Fail

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 28.0539, 53.3210, -22.7847 Background



This preview shows how black text looks on a background with the HunterLab color 28.0539, 53.3210, -22.7847.



This preview shows how white text looks on a background with the HunterLab color 28.0539, 53.3210, -22.7847.



# 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

28.0539, 53.3210, -22.7847

### Protanopia

29.0801, 10.2305, -58.4324

### Deuteranopia

29.0421, 2.0806, -16.4260



## Tritanopia

28.7823, 30.5378, 11.5777

# Trichromacy



## Original Color

28.0539, 53.3210, -22.7847

## Protanomaly

23.1633, 24.2861, -62.4420

## Deuteranomaly

25.3154, 23.7768, -25.6010

## Tritanomaly

27.5031, 39.9951, 1.7011

# Monochromacy



## Original Color

28.0539, 53.3210, -22.7847

## Achromatopsia

20.9129, -1.1159, 1.1362

## Achromatomaly

20.7028, 21.2623, -10.3075

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 28.0539, 53.3210, -22.7847 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(149, 0, 125)` looks like.

```
.text, #text, p{  
    color:rgb(149, 0, 125)  
}
```

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(149, 0, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 0, 125) }
```

## Border

The CSS property to change the border of an element to HunterLab 28.0539, 53.3210, -22.7847 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(149, 0, 125) }
```



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

```
.border{ border-color:rgb(149, 0, 125) }
```

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

Here you see how a box with a 4 pixel rgb(149, 0, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 0, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 0, 125);  
box-shadow:4px 4px 4px 4px rgb(149, 0,  
125) }
```

# Background

The CSS property to change the background color of an element to HunterLab 28.0539, 53.3210, -22.7847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 0, 125) }
```

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

```
.background{ background-color: rgb(149, 0,  
125) }
```

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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