

Converting Colors

HunterLab(51.0242, 96.8010,
-39.6444)

Have a look what the booklet for
HunterLab(51.0242, 96.8010,
-39.6444) contains.

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Color

**HunterLab(51.0530, 96.8396,
-39.9534)**

Conversions

Conversions Part 1

Format	Color
Hex	FF00D5
RGB	255, 0, 213
RGB Percent	100%, 0%, 84%
CMY	0.0000, 0.9998, 0.1647
CMYK	0.00, 1.00, 0.16, 0.00
HSL	310°, 100%, 50%
HSV	310°, 100%, 100%
XYZ	53.2502, 26.0641, 65.1750
YIQ	100.5270, 83.6070, 120.3030

Conversions

Conversions Part 2

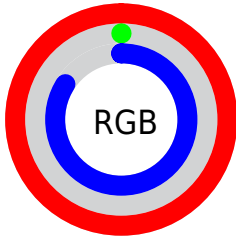
Format	Color
R_{YB}	255, 0, 213
Decimal	16711893
CIE _{Lab}	58.10, 92.80, -40.80
CIE _{LCh}	58, 101.372, 336.269
Yxy	26.0653, 0.3685, 0.1804
Android (android.graphics.Color)	4294901973 (0xFFFF00D5)
YUV	100.5270, 55.4492, 135.4728
Hunter-Lab	51.0530, 96.8396, -39.9534

Details

The HunterLab color **51.0530, 96.8396, -39.9534** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **84.6687, -71.8959, 49.3764**, and the grayscale version is **35.6840, -1.9040, 1.9388**.

A 20% lighter version of the original color is **61.7904, 77.1552, -51.3537**, and **37.1565, 70.2753, -27.4907** is the 20% darker color. If you saturate the color by 10%, you get **51.0526, 96.8381, -39.9478**, and if you desaturate by 10%, it is **51.9609, 95.0889, -41.3788**.

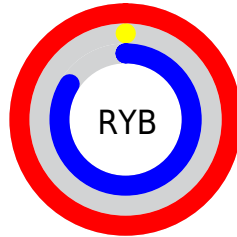
Distribution



Red (100%)

Green (0%)

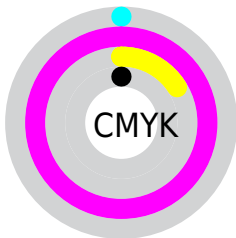
Blue (84%)



Red (100%)

Yellow (0%)

Blue (84%)

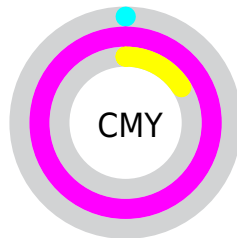


Cyan (0%)

Magenta (100%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (100%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.0530, 96.8396, -39.9534 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 51.0530, 96.8396, -39.9534 by changing the saturation by 10% instead.

51.0530, 96.8396,
-39.9534

51.0530, 96.8396,
-39.9534

168.2565,
118.7556, -44.9299

41.0761, 94.2546,
-39.3055

73.0618, 102.1310,
-41.3016

31.8490, 91.8902,
-38.7659

85.0125, 104.7322,
-41.9480

23.4399, 90.0567,
-38.4897

97.5519, 107.2685,
-42.5576

15.9377, 89.5097,
-38.8527

110.6535,
109.7292, -43.1246

9.4691, 92.4729,
-40.9577

124.2943,
112.1092, -43.6460

0.0000, INF, -NF

138.4536,

0.0000, NaN, -NF

114.4067, -44.1208

0.0000, NaN, NaN

153.1132,
116.6217, -44.5486

■ 51.0530, 96.8396,
-39.9534

■ 51.0530, 96.8396,
-39.9534

■ 51.0526, 96.8381,
-39.9478

■ 51.9609, 95.0889,
-41.3788

■ 53.7348, 90.4309,
-41.0946

■ 56.5462, 82.6681,
-38.8529

■ 60.3949, 72.3867,
-34.8693

■ 65.2096, 60.3961,
-29.5395

70.8838, 47.4503,
-23.2822

77.3025, 34.1144,
-16.4453

84.3578, 20.7504,
-9.2796

91.9556, 7.5602,
-1.9486

Harmonies

Analogous

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



51.0542, 55.7970, -109.5724



51.0530, 96.8396, -39.9534



51.0542, 107.8392, 10.6249

Triad

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



51.0542, 96.8355, -39.9514



51.0542, -11.4239, 35.7379



51.0542, -53.6578, -68.8279

Complementary

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



51.0530, 96.8396, -39.9534



84.6687, -71.8959, 49.3764

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.



51.0542, -61.5640, -6.5513



51.0530, 96.8396, -39.9534



51.0542, -42.9293, 34.1968

Square

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



51.0542, 96.8355, -39.9514



51.0542, 34.8851, 35.1395



51.0542, -58.4155, 25.3440



51.0542, -31.8595, -133.8445

Rectangle

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



51.0530, 96.8396, -39.9534



51.0542, 94.2767, 26.7356



51.0542, -58.4155, 25.3440



51.0542, -57.6321, -45.5654

Sweetspot

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



51.0542, 96.8355, -39.9514



77.2883, 34.1425, -16.4600



27.6385, 73.4432, -184.6356



34.4667, 18.4065, -8.9729

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.0542, 96.8355, -39.9514



51.0526, 96.8381, -39.9478



46.8905, 81.8435, 18.2967



42.7153, 3.2110, -0.7395



36.9295, 70.0912, -29.2234



11.5800, 22.0704, -9.8767

Inverse Universe

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



51.0542, 96.8355, -39.9514



51.0526, 96.8381, -39.9478



86.1772, -62.5256, 27.2632



42.7153, 3.2110, -0.7395



36.9295, 70.0912, -29.2234



11.5800, 22.0704, -9.8767

Previews

White Background



This preview shows how the HunterLab color 51.0530, 96.8396, -39.9534 looks on a white background.

Color Contrast Check

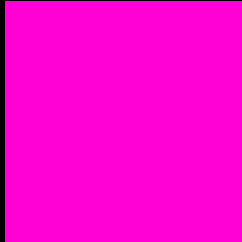
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 51.0530, 96.8396, -39.9534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

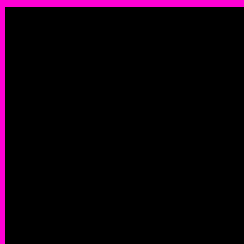
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 51.0530, 96.8396, -39.9534 Background



This preview shows how black text looks on a background with the HunterLab color 51.0530, 96.8396, -39.9534.



This preview shows how white text looks on a background with the HunterLab color 51.0530, 96.8396, -39.9534.

-39.9534.

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

51.0530, 96.8396, -39.9534

Protanopia

51.8273, 13.9661, -76.0503

Deuteranopia

51.5338, 4.2574, -31.0384



Tritanopia

51.2787, 57.4442, 21.6756

Trichromacy



Original Color

51.0530, 96.8396, -39.9534



Protanomaly

43.6314, 48.9880, -84.2808



Deuteranomaly

44.3983, 45.5598, -48.9746



Tritanomaly

49.2178, 74.4884, 4.4619

Monochromacy



Original Color

51.0530, 96.8396, -39.9534



Achromatopsia

36.0744, -1.9248, 1.9600



Achromatomaly

35.7602, 40.3489, -19.6883

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.0530, 96.8396, -39.9534 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(255, 0, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 213)  
}
```

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(255, 0, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 213) }
```

Border

The CSS property to change the border of an element to HunterLab 51.0530, 96.8396, -39.9534 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(255, 0, 213) }
```


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

```
.border{ border-color:rgb(255, 0, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 0, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
213) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.0530, 96.8396, -39.9534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 213) }
```

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

```
.background{ background-color: rgb(255, 0,  
213) }
```

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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