

Converting Colors

HunterLab(49.0623, 93.9163,
-53.4774)

Have a look what the booklet for
HunterLab(49.0623, 93.9163,
-53.4774) contains.

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Color

**HunterLab(49.1164, 93.9343,
-53.2185)**

Conversions

Conversions Part 1

Format	Color
Hex	F00AE0
RGB	240, 10, 224
RGB Percent	94%, 4%, 88%
CMY	0.0588, 0.9606, 0.1216
CMYK	0.00, 0.96, 0.07, 0.06
HSL	304°, 92%, 49%
HSV	304°, 96%, 94%
XYZ	49.4983, 24.1242, 72.5687
YIQ	103.1660, 68.3860, 115.3140

Conversions

Conversions Part 2

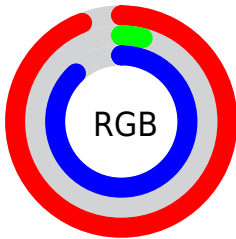
Format	Color
R _Y B	240, 10, 224
Decimal	15731424
CIE _{Lab}	56.21, 91.01, -50.20
CIE _{LCh}	56, 103.936, 331.122
Yxy	24.1254, 0.3386, 0.1650
Android (android.graphics.Color)	4293921504 (0xFFFF0AE0)
YUV	103.1660, 59.5712, 120.0034
Hunter-Lab	49.1164, 93.9343, -53.2185

Details

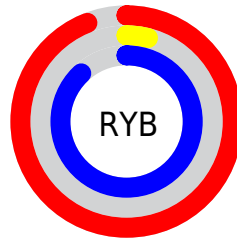
The HunterLab color $49.1164, 93.9343, -53.2185$ is a light color, and the websafe version is hex $FF33FF$. The color can be described as light saturated magenta. A complement of this color would be $79.0320, -67.2214, 46.7872$, and the grayscale version is $36.6647, -1.9563, 1.9921$.

A 20% lighter version of the original color is $61.7904, 77.1552, -51.3537$, and $35.2290, 68.3556, -39.4429$ is the 20% darker color. If you saturate the color by 10%, you get $48.8564, 94.6059, -53.2185$, and if you desaturate by 10%, it is $50.1448, 90.9119, -52.3032$.

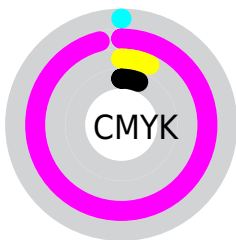
Distribution



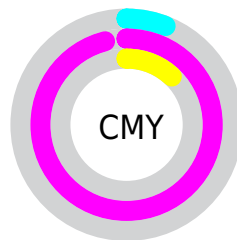
- Red (94%)
- Green (4%)
- Blue (88%)



- Red (94%)
- Yellow (4%)
- Blue (88%)



- Cyan (0%)
- Magenta (96%)
- Yellow (7%)
- Black (6%)



- Cyan (6%)
- Magenta (96%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.1164, 93.9343, -53.2185 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 49.1164, 93.9343, -53.2185 by changing the saturation by 10% instead.

49.1164, 93.9343,
-53.2185

49.1164, 93.9343,
-53.2185

165.3644,
115.6042, -59.4107

39.2768, 91.3828,
-52.7144

70.8765, 99.1748,
-54.6014

30.1983, 89.0678,
-52.5289

82.7128, 101.7507,
-55.3539

21.9525, 87.3319,
-52.9979

95.1433, 104.2609,
-56.1033

14.6340, 87.0335,
-54.9408

108.1408,
106.6945, -56.8334

8.2935, 92.0881,
-61.6233

121.6816,
109.0465, -57.5340

0.0000, INF, -NF

0.0000, NaN, -NF

135.7446,

111.3151, -58.1993

0.0000, NaN, NaN

150.3111,
113.5005, -58.8255

■ 49.1164, 93.9343,
-53.2185

■ 49.1164, 93.9343,
-53.2185

■ 48.8564, 94.6059,
-53.2185

■ 50.1448, 90.9119,
-52.3032

■ 52.0778, 84.9143,
-49.4416

■ 54.9768, 76.1988,
-44.7423

■ 58.8168, 65.4223,
-38.5831

■ 63.5207, 53.3412,
-31.4280

■ 68.9878, 40.6039,
-23.6918

■ 75.1148, 27.6712,
-15.6825

■ 81.8066, 14.8255,
-7.6000

■ 88.9812, 2.2160,
0.4404

Harmonies

Analogous

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



49.1176, 48.3990, -125.4613



49.1164, 93.9343, -53.2185



49.1176, 111.8038, 4.2037

Triad

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



49.1176, 93.9313, -53.2161



49.1176, -4.2478, 34.3823



49.1176, -55.6048, -58.6281

Complementary

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



49.1164, 93.9343, -53.2185



79.0320, -67.2214, 46.7872

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.



49.1176, -61.3224, 1.0926



49.1164, 93.9343, -53.2185



49.1176, -38.7522, 33.7120

Square

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



49.1176, 93.9313, -53.2161



49.1176, 44.5425, 33.8838



49.1176, -56.4311, 27.6407



49.1176, -36.7867, -130.0780

Rectangle

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



49.1164, 93.9343, -53.2185



49.1176, 102.0196, 23.5447



49.1176, -56.4311, 27.6407



49.1176, -58.7564, -35.4146

Sweetspot

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



49.1176, 93.9313, -53.2161



78.2439, 34.1877, -19.6309



25.9246, 66.5023, -171.4008



34.9044, 18.5617, -10.7810

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.1176, 93.9313, -53.2161



52.3349, 101.3367, -56.9687



44.5675, 77.5768, 9.3121



40.0141, 3.1523, -1.1560



36.1588, 70.0359, -39.5244



10.4563, 20.2948, -11.7550

Inverse Universe

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



49.1176, 93.9313, -53.2161



52.3349, 101.3367, -56.9687



80.1808, -60.0704, 29.9078



40.0141, 3.1523, -1.1560



36.1588, 70.0359, -39.5244



10.4563, 20.2948, -11.7550

Previews

White Background



This preview shows how the HunterLab color 49.1164, 93.9343, -53.2185 looks on a white background.

Color Contrast Check

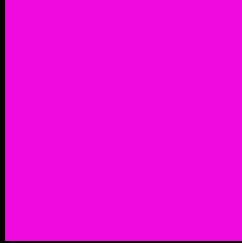
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.1164, 93.9343, -53.2185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

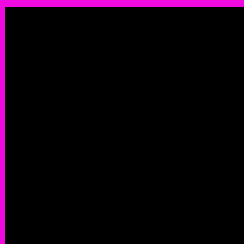
Any Text WCAG AA ✓ Pass

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 49.1164, 93.9343, -53.2185 Background



This preview shows how black text looks on a background with the HunterLab color 49.1164, 93.9343, -53.2185.



This preview shows how white text looks on a background with the HunterLab color 49.1164, 93.9343, -53.2185.

-53.2185.

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

49.1164, 93.9343, -53.2185

Protanopia

49.9157, 14.9790, -81.3551

Deuteranopia

49.5202, 4.2713, -42.4132



Tritanopia

49.1106, 49.2244, 18.3388

Trichromacy



Original Color

49.1164, 93.9343, -53.2185



Protanomaly

42.7281, 46.4790, -91.6202



Deuteranomaly

43.1372, 41.6817, -61.0528



Tritanomaly

47.2341, 67.3772, -1.3461

Monochromacy



Original Color

49.1164, 93.9343, -53.2185



Achromatopsia

36.8284, -1.9651, 2.0010



Achromatomaly

36.2424, 37.6966, -22.1654

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.1164, 93.9343, -53.2185 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(240, 10, 224)` looks like.

```
.text, #text, p{  
    color:rgb(240, 10, 224)  
}
```

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(240, 10, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 10, 224) }
```

Border

The CSS property to change the border of an element to HunterLab 49.1164, 93.9343, -53.2185 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(240, 10, 224) }
```


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

```
.border{ border-color:rgb(240, 10, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 10, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 10, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 10, 224);  
box-shadow:4px 4px 4px 4px rgb(240, 10,  
224) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.1164, 93.9343, -53.2185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 10, 224) }
```

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

```
.background{ background-color: rgb(240, 10,  
224) }
```

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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