

Converting Colors

HunterLab(54.6216, 93.7653,
-52.9941)

Have a look what the booklet for
HunterLab(54.6216, 93.7653,
-52.9941) contains.

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Color

**HunterLab(54.6440, 93.8483,
-53.2901)**

Conversions

Conversions Part 1

Format	Color
Hex	FF33EF
RGB	255, 51, 239
RGB Percent	100%, 20%, 94%
CMY	0.0000, 0.7999, 0.0627
CMYK	0.00, 0.80, 0.06, 0.00
HSL	305°, 100%, 60%
HSV	305°, 80%, 100%
XYZ	58.0039, 29.8597, 84.3677
YIQ	133.4280, 61.2360, 101.7160

Conversions

Conversions Part 2

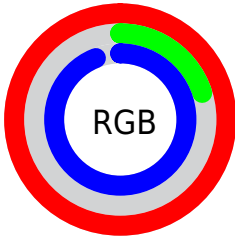
Format	Color
R_{YB}	255, 51, 239
Decimal	16724975
CIE _{Lab}	61.53, 89.91, -50.02
CIE _{LCh}	62, 102.887, 330.913
Yxy	29.8608, 0.3368, 0.1734
Android (android.graphics.Color)	4294915055 (0xFFFF33EF)
YUV	133.4280, 52.0470, 106.6186
Hunter-Lab	54.6440, 93.8483, -53.2901

Details

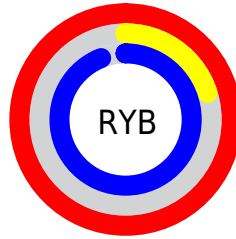
The HunterLab color **54.6440, 93.8483, -53.2901** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **85.2230, -69.2570, 47.6058**, and the grayscale version is **48.3861, -2.5818, 2.6289**.

A 20% lighter version of the original color is **65.1146, 67.6608, -44.8372**, and **38.5315, 74.7513, -43.0470** is the 20% darker color. If you saturate the color by 10%, you get **53.0017, 98.8244, -55.2373**, and if you desaturate by 10%, it is **57.3156, 85.7394, -49.2676**.

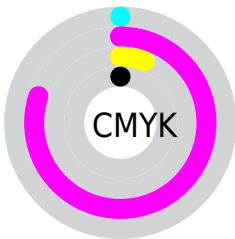
Distribution



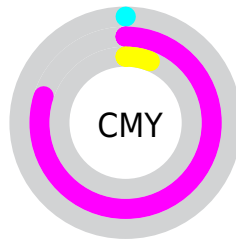
- Red (100%)
- Green (20%)
- Blue (94%)



- Red (100%)
- Yellow (20%)
- Blue (94%)



- Cyan (0%)
- Magenta (80%)
- Yellow (6%)
- Black (0%)



- Cyan (0%)
- Magenta (80%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.6440, 93.8483, -53.2901 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 54.6440, 93.8483, -53.2901 by changing the saturation by 10% instead.

54.6440, 93.8483,
-53.2901

54.6440, 93.8483,
-53.2901

173.5670,
114.9856, -59.4215

44.4218, 91.2533,
-52.6873

77.0986, 99.0352,
-54.7362

34.9301, 88.7858,
-52.3004

89.2548, 101.5541,
-55.4881

26.2312, 86.6591,
-52.3497

101.9901,
103.9989, -56.2267

18.4056, 85.3728,
-53.3308

115.2794,
106.3627, -56.9395

11.5642, 86.2856,
-56.5631

129.1005,
108.6429, -57.6190

4.1209, 142.0602,
-98.3153

143.4336,

0.0000, INF, -NF

110.8393, -58.2607

0.0000, NaN, -NF

158.2611,
112.9529, -58.8620

■ 54.6440, 93.8483,
-53.2901

■ 54.6440, 93.8483,
-53.2901

■ 53.0017, 98.8244,
-55.2373

■ 57.3156, 85.7394,
-49.2676

■ 52.2096, 100.8975,
-55.3187

■ 61.0217, 75.0724,
-43.4727

■ 52.2093, 100.8983,
-55.3186

■ 65.6995, 62.6506,
-36.3785

■ 71.2476, 49.2429,
-28.4632

■ 77.5532, 35.4362,
-20.1093

■ 84.5086, 21.6121,
-11.5798

■ 92.0190, 7.9855,
-3.0351

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



54.6451, 48.3940, -123.2127



54.6440, 93.8483, -53.2901



54.6451, 111.7555, 4.2558

Triad

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



54.6451, 93.8447, -53.2882



54.6451, -4.2756, 38.0074



54.6451, -58.6863, -57.5968

Complementary

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



54.6440, 93.8483, -53.2901



85.2230, -69.2570, 47.6058

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.



54.6451, -64.8837, 1.6613



54.6440, 93.8483, -53.2901



54.6451, -40.3169, 36.8691

Square

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



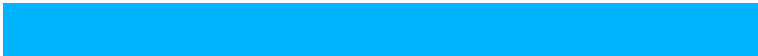
54.6451, 93.8447, -53.2882



54.6451, 45.2490, 37.0134



54.6451, -59.4198, 29.6044



54.6451, -38.6261, -126.8152

Rectangle

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



54.6440, 93.8483, -53.2901



54.6451, 102.2748, 24.7928



54.6451, -59.4198, 29.6044



54.6451, -62.1069, -34.8187

Sweetspot

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



54.6451, 93.8447, -53.2882



81.6513, 27.1341, -15.0048



32.7100, 59.4772, -150.2886



36.6363, 14.8350, -8.3478

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



54.6451, 93.8447, -53.2882



52.4651, 100.2840, -55.4229



50.5023, 78.1466, 3.6274



42.7485, 3.3887, -1.2110



37.7535, 72.9828, -40.1673



11.8102, 22.8770, -12.9239

Inverse Universe

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



54.6451, 93.8447, -53.2882



52.4651, 100.2840, -55.4229



86.6023, -60.7306, 27.4021



42.7485, 3.3887, -1.2110



37.7535, 72.9828, -40.1673



11.8102, 22.8770, -12.9239

Previews

White Background



This preview shows how the HunterLab color 54.6440, 93.8483, -53.2901 looks on a white background.

Color Contrast Check

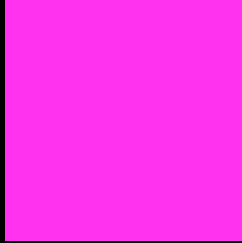
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.6440, 93.8483, -53.2901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

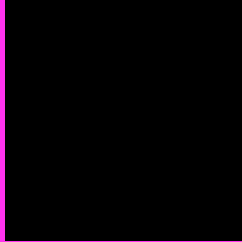
Any Text WCAG AA ✓ Pass

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 54.6440, 93.8483, -53.2901 Background



This preview shows how black text looks on a background with the HunterLab color 54.6440, 93.8483, -53.2901.



This preview shows how white text looks on a background with the HunterLab color 54.6440, 93.8483, -53.2901.

-53.2901.

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

54.6440, 93.8483, -53.2901

Protanopia

54.8848, 12.3202, -68.1657

Deuteranopia

54.8776, 4.7958, -43.8374



Tritanopia

54.5009, 49.6567, 18.4044

Trichromacy



Original Color

54.6440, 93.8483, -53.2901



Protanomaly

50.2756, 41.5858, -73.9842



Deuteranomaly

50.4701, 37.7228, -57.0532



Tritanomaly

53.4314, 65.5604, -1.3239

Monochromacy



Original Color

54.6440, 93.8483, -53.2901



Achromatopsia

48.4304, -2.5841, 2.6313



Achromatomaly

46.9320, 33.5983, -19.7994

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 54.6440, 93.8483, -53.2901 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, 51, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 239)  
}
```

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, 51, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 239) }
```

Border

The CSS property to change the border of an element to HunterLab 54.6440, 93.8483, -53.2901 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, 51, 239) }
```


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

```
.border{ border-color:rgb(255, 51, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 51, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
239) }
```

Background

The CSS property to change the background color of an element to HunterLab 54.6440, 93.8483, -53.2901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 239) }
```

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

```
.background{ background-color: rgb(255, 51,  
239) }
```

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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