

Converting Colors

HunterLab(48.5686, 93.6153,
-83.9255)

Have a look what the booklet for
HunterLab(48.5686, 93.6153,
-83.9255) contains.

HunterLab(48.5593, 93.6318, -83.9529)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(48.5593, 93.6318,
-83.9529)**

Conversions

Conversions Part 1

Format	Color
Hex	DE1CFF
RGB	222, 28, 255
RGB Percent	87%, 11%, 100%
CMY	0.1294, 0.8901, 0.0000
CMYK	0.13, 0.89, 0.00, 0.00
HSL	291°, 100%, 55%
HSV	291°, 89%, 100%
XYZ	48.5894, 23.5801, 96.5980
YIQ	111.8840, 42.7570, 111.7250

Conversions

Conversions Part 2

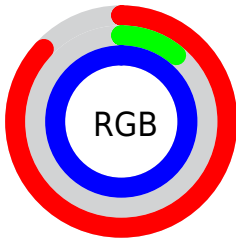
Format	Color
R _Y B	222, 28, 255
Decimal	14556415
CIE Lab	55.67, 90.89, -68.61
CIE LCh	56, 113.884, 322.951
Yxy	23.5810, 0.2879, 0.1397
Android (android.graphics.Color)	4292746495 (0xFFDE1CFF)
YUV	111.8840, 70.5562, 96.5717
Hunter-Lab	48.5593, 93.6318, -83.9529

Details

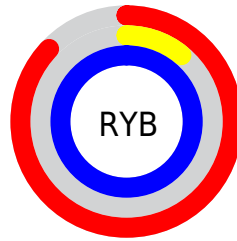
The HunterLab color **48.5593, 93.6318, -83.9529** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light washed magenta. A complement of this color would be **85.2035, -69.7170, 50.5165**, and the grayscale version is **39.9380, -2.1310, 2.1699**.

A 20% lighter version of the original color is **62.4463, 75.2258, -50.0298**, and **34.0709, 70.1790, -69.6998** is the 20% darker color. If you saturate the color by 10%, you get **47.1439, 95.7525, -88.2561**, and if you desaturate by 10%, it is **50.9264, 88.3033, -77.2187**.

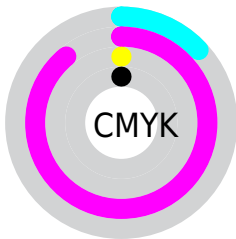
Distribution



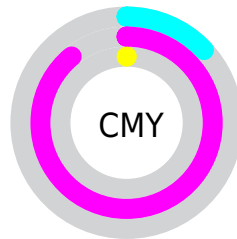
- Red (87%)
- Green (11%)
- Blue (100%)



- Red (87%)
- Yellow (11%)
- Blue (100%)



- Cyan (13%)
- Magenta (89%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (89%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.5593, 93.6318, -83.9529 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 48.5593, 93.6318, -83.9529 by changing the saturation by 10% instead.

48.5593, 93.6318,
-83.9529

48.5593, 93.6318,
-83.9529

164.5282,
115.3094, -90.3759

38.7597, 91.0898,
-84.3236

70.2464, 98.8702,
-84.5937

29.7248, 88.7938,
-85.6499

82.0494, 101.4468,
-85.2620

21.5270, 87.1024,
-88.7924

94.4482, 103.9583,
-86.0416

14.2626, 86.9194,
-95.8435

107.4153,
106.3935, -86.8838

7.9199, 93.3882,
-115.7041

120.9268,
108.7471, -87.7564

0.0000, INF, -NF

134.9618,

0.0000, NaN, -NF

111.0173, -88.6383

0.0000, NaN, -NF

149.5012,
113.2043, -89.5148

■ 48.5593, 93.6318,
-83.9529

■ 48.5593, 93.6318,
-83.9529

■ 47.1439, 95.7525,
-88.2561

■ 50.9264, 88.3033,
-77.2187

■ 47.0262, 95.8865,
-88.6242

■ 54.3510, 79.9109,
-68.3152

■ 58.7949, 69.2382,
-57.9630

■ 64.1590, 57.1619,
-46.8927

■ 70.3228, 44.3981,
-35.6551

■ 77.1683, 31.4296,
-24.5880

■ 84.5915, 18.5372,
-13.8610

■ 92.5050, 5.8609,
-3.5339

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.



48.5603, 38.2918, -164.0841



48.5593, 93.6318, -83.9529



48.5603, 124.9618, -9.2420

Triad

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



48.5603, 93.6302, -83.9501



48.5603, 9.1016, 33.9922



48.5603, -61.2392, -44.7615

Complementary

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



48.5593, 93.6318, -83.9529



85.2035, -69.7170, 50.5165

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.



48.5603, -63.9736, 12.1225



48.5593, 93.6318, -83.9529



48.5603, -33.2627, 33.9922

Square

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



48.5603, 93.6302, -83.9501



48.5603, 65.4035, 33.5584



48.5603, -56.0191, 31.2354



48.5603, -46.2019, -129.9086

Rectangle

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



48.5593, 93.6318, -83.9529



48.5603, 121.9367, 18.3337



48.5603, -56.0191, 31.2354



48.5603, -63.3116, -21.0732

Sweetspot

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



48.5603, 93.6302, -83.9501



78.6206, 28.8197, -22.3962



33.0437, 51.5904, -148.4891



35.2412, 15.3805, -12.0838

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.5603, 93.6302, -83.9501



47.0262, 95.8865, -88.6242



50.2076, 87.9359, -15.7547



42.6130, 2.9959, -1.8646



34.0683, 69.4163, -63.8245



10.7936, 21.8874, -19.4056

Inverse Universe

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



47.3583, 77.3041, 25.0064



46.2537, 79.5005, 27.6421



85.3453, -67.9588, 41.6483



42.4618, 1.8513, 2.8681



33.4540, 57.5388, 19.6964



10.4973, 18.1704, 5.2834

Previews

White Background



This preview shows how the HunterLab color 48.5593, 93.6318, -83.9529 looks on a white background.

Color Contrast Check

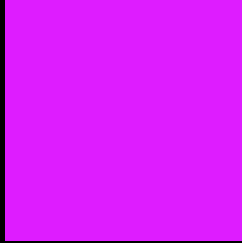
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.5593, 93.6318, -83.9529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

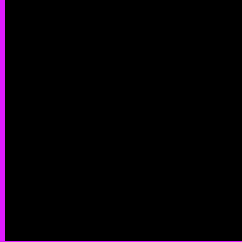
Any Text WCAG AA ✓ Pass

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 48.5593, 93.6318, -83.9529 Background



This preview shows how black text looks on a background with the HunterLab color 48.5593, 93.6318, -83.9529.



This preview shows how white text looks on a background with the HunterLab color 48.5593, 93.6318, -83.9529.

-83.9529.

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

48.5593, 93.6318, -83.9529

Protanopia

49.1385, 15.3427, -83.6052

Deuteranopia

49.0500, 4.5647, -69.3441



Tritanopia

48.2960, 34.4713, 12.2533

Trichromacy



Original Color

48.5593, 93.6318, -83.9529

Protanomaly

43.5553, 44.9717, -101.1597

Deuteranomaly

41.8589, 34.9425, -95.9547

Tritanomaly

46.2365, 56.9295, -14.9455

Monochromacy



Original Color

48.5593, 93.6318, -83.9529

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

39.0392, 34.9801, -28.6726

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.5593, 93.6318, -83.9529 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(222, 28, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 28, 255)  
}
```

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(222, 28, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 28, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 48.5593, 93.6318, -83.9529 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(222, 28, 255) }
```


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

```
.border{ border-color:rgb(222, 28, 255) }
```

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

Here you see how a box with a 4 pixel rgb(222, 28, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 28, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 28, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 28,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.5593, 93.6318, -83.9529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 28, 255) }
```

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

```
.background{ background-color: rgb(222, 28,  
255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor