

Converting Colors

HunterLab(50.0916, 100.1827,
-79.3753)

Have a look what the booklet for
HunterLab(50.0916, 100.1827,
-79.3753) contains.

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Color

**HunterLab(50.0528,
100.1413, -79.4720)**

Conversions

Conversions Part 1

Format	Color
Hex	EC00FF
RGB	236, 0, 255
RGB Percent	93%, 0%, 100%
CMY	0.0745, 0.9999, 0.0000
CMYK	0.07, 1.00, 0.00, 0.00
HSL	296°, 100%, 50%
HSV	296°, 100%, 100%
XYZ	52.6420, 25.0528, 96.6688
YIQ	99.6340, 58.8010, 129.3370

Conversions

Conversions Part 2

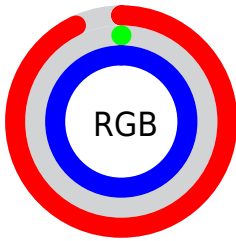
Format	Color
R _Y B	236, 0, 255
Decimal	15466751
CIE Lab	57.13, 95.41, -66.14
CIE LCh	57, 116.094, 325.270
Yxy	25.0539, 0.3019, 0.1437
Android (android.graphics.Color)	4293656831 (0xFFEC00FF)
YUV	99.6340, 76.5954, 119.5930
Hunter-Lab	50.0528, 100.1413, -79.4720

Details

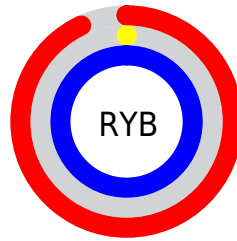
The HunterLab color **50.0528, 100.1413, -79.4720** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **84.6515, -72.1671, 50.8978**, and the grayscale version is **35.2744, -1.8822, 1.9165**.

A 20% lighter version of the original color is **61.6301, 77.6309, -51.6802**, and **36.2563, 73.2083, -62.7596** is the 20% darker color. If you saturate the color by 10%, you get **50.0527, 100.1412, -79.4723**, and if you desaturate by 10%, it is **51.0866, 98.0064, -76.6045**.

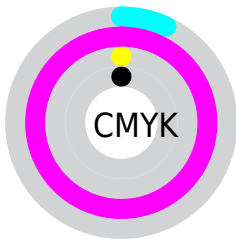
Distribution



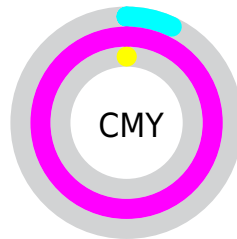
- Red (93%)
- Green (0%)
- Blue (100%)



- Red (93%)
- Yellow (0%)
- Blue (100%)



- Cyan (7%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.0528, 100.1413, -79.4720 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 50.0528, 100.1413, -79.4720 by changing the saturation by 10% instead.

50.0528, 100.1413,
-79.4720

50.0528, 100.1413,
-79.4720

166.7652,
122.6044, -86.1349

40.1463, 97.5640,
-79.5900

71.9338, 105.5050,
-80.3559

30.9954, 95.2628,
-80.4874

83.8257, 108.1620,
-81.0754

22.6700, 93.6057,
-82.8546

96.3092, 110.7614,
-81.8792

15.2617, 93.4931,
-88.3291

109.3573,
113.2896, -82.7266

8.8832, 97.9226,
-102.0254

122.9466,
115.7399, -83.5909

0.0000, INF, -NF

0.0000, NaN, -NF

137.0565,

118.1094, -84.4545

0.0000, NaN, -NF

151.6682,
120.3973, -85.3053

■ 50.0528, 100.1413,
-79.4720

■ 50.0528, 100.1413,
-79.4720

■ 50.0527, 100.1412,
-79.4723

■ 51.0866, 98.0064,
-76.6045

■ 52.9917, 92.8773,
-71.5731

■ 55.9350, 84.6094,
-64.3342

■ 59.9094, 73.8541,
-55.4209

■ 64.8381, 61.4598,
-45.4834

70.6122, 48.1902,
-35.0835

77.1160, 34.6018,
-24.6141

84.2428, 21.0415,
-14.3065

91.9000, 7.6961,
-4.2738

Harmonies

Analogous

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



50.0539, 44.0091, -163.8604



50.0528, 100.1413, -79.4720



50.0539, 129.3629, -5.2095

Triad

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



50.0539, 100.1391, -79.4690



50.0539, 5.3020, 35.0377



50.0539, -62.4024, -52.3176

Complementary

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



50.0528, 100.1413, -79.4720



84.6515, -72.1671, 50.8978

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.



50.0539, -66.0611, 9.5407



50.0528, 100.1413, -79.4720



50.0539, -36.7607, 35.0377

Square

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



50.0539, 100.1391, -79.4690



50.0539, 62.7857, 34.7822



50.0539, -58.8014, 31.5655



50.0539, -45.6984, -140.1476

Rectangle

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



50.0528, 100.1413, -79.4720



50.0539, 123.8175, 20.9924



50.0539, -58.8014, 31.5655



50.0539, -64.8397, -26.9444

Sweetspot

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



50.0539, 100.1391, -79.4690



77.1071, 34.6196, -24.6277



27.8692, 68.5912, -182.8985



34.3669, 18.6729, -13.4317

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.0539, 100.1391, -79.4690



50.0527, 100.1412, -79.4723



48.3974, 87.3461, -3.3609



42.6936, 3.2660, -1.7570



36.2211, 72.4449, -57.3316



11.3891, 22.7294, -17.6412

Inverse Universe

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



46.1604, 79.1492, 29.0363



46.1595, 79.1515, 29.0376



85.1859, -68.6617, 41.7474



42.4370, 1.7177, 3.2224



33.3784, 57.2586, 20.8161



10.4500, 17.9956, 5.9804

Previews

White Background



This preview shows how the HunterLab color 50.0528, 100.1413, -79.4720 looks on a white background.

Color Contrast Check

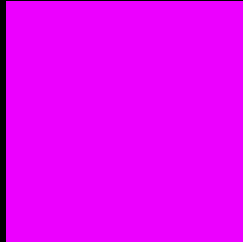
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.0528, 100.1413, -79.4720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

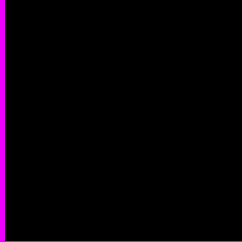
Any Text WCAG AA ✓ Pass

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 50.0528, 100.1413, -79.4720 Background



This preview shows how black text looks on a background with the HunterLab color 50.0528, 100.1413, -79.4720.



This preview shows how white text looks on a background with the HunterLab color 50.0528,

100.1413, -79.4720.

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

50.0528, 100.1413, -79.4720

Protanopia

50.9553, 14.0344, -78.4385

Deuteranopia

50.8804, 4.7591, -64.6279



Tritanopia

50.0812, 41.1129, 15.1120

Trichromacy



Original Color

50.0528, 100.1413, -79.4720



Protanomaly

43.3372, 51.4061, -101.8296



Deuteranomaly

42.1927, 44.3609, -94.6159



Tritanomaly

47.1673, 66.2513, -12.1602

Monochromacy



Original Color

50.0528, 100.1413, -79.4720



Achromatopsia

35.6984, -1.9048, 1.9396



Achromatomaly

35.2940, 40.5419, -30.3790

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.0528, 100.1413, -79.4720 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(236, 0, 255)` looks like.

```
.text, #text, p{  
    color:rgb(236, 0, 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(236, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 0, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 50.0528, 100.1413, -79.4720 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(236, 0, 255) }
```


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

```
.border{ border-color:rgb(236, 0, 255) }
```

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

Here you see how a box with a 4 pixel rgb(236, 0, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(236, 0,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.0528, 100.1413, -79.4720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 0, 255) }
```

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

```
.background{ background-color: rgb(236, 0,  
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](#).

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