

Converting Colors

HunterLab(51.5458, 92.8003,
-75.3108)

Have a look what the booklet for
HunterLab(51.5458, 92.8003,
-75.3108) contains.

HunterLab(51.5647, 92.9535, -75.3804)	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(51.5647, 92.9535,
-75.3804)**

Conversions

Conversions Part 1

Format	Color
Hex	EA2DFF
RGB	234, 45, 255
RGB Percent	92%, 18%, 100%
CMY	0.0823, 0.8235, 0.0000
CMYK	0.08, 0.82, 0.00, 0.00
HSL	294°, 100%, 59%
HSV	294°, 82%, 100%
XYZ	52.9200, 26.5892, 96.9508
YIQ	125.4510, 45.2340, 105.3780

Conversions

Conversions Part 2

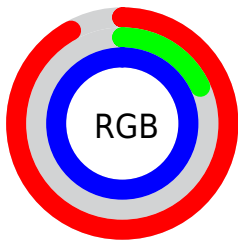
Format	Color
R _Y B	234, 45, 255
Decimal	15347199
CIE Lab	58.59, 89.82, -63.80
CIE LCh	59, 110.171, 324.612
Yxy	26.5903, 0.2999, 0.1507
Android (android.graphics.Color)	4293537279 (0xFFEA2DFF)
YUV	125.4510, 63.8677, 95.1975
Hunter-Lab	51.5647, 92.9535, -75.3804

Details

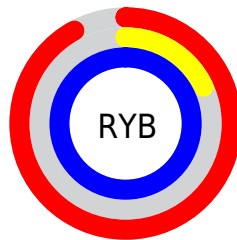
The HunterLab color **51.5647, 92.9535, -75.3804** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **85.3628, -68.9179, 49.6686**, and the grayscale version is **45.2101, -2.4123, 2.4563**.

A 20% lighter version of the original color is **64.0084, 70.7435, -46.9535**, and **35.9381, 72.7618, -63.7283** is the 20% darker color. If you saturate the color by 10%, you get **49.7669, 97.2392, -80.3428**, and if you desaturate by 10%, it is **54.3984, 85.4335, -68.0992**.

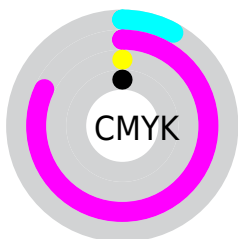
Distribution



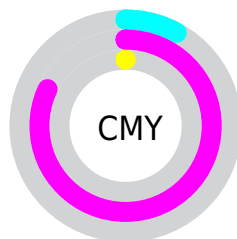
- Red (92%)
- Green (18%)
- Blue (100%)



- Red (92%)
- Yellow (18%)
- Blue (100%)



- Cyan (8%)
- Magenta (82%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (82%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.5647, 92.9535, -75.3804 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 51.5647, 92.9535, -75.3804 by changing the saturation by 10% instead.

51.5647, 92.9535,
-75.3804

51.5647, 92.9535,
-75.3804

169.0172,
114.2511, -82.1784

41.5521, 90.3829,
-75.2957

73.6381, 98.1532,
-76.4533

32.2865, 87.9849,
-75.8461

85.6186, 100.6897,
-77.2083

23.8350, 86.0301,
-77.5881

98.1864, 103.1550,
-78.0250

16.2854, 85.1730,
-81.8110

111.3152,
105.5408, -78.8695

9.7619, 87.3204,
-92.1874

124.9820,
107.8433, -79.7196

0.0000, INF, -NF

139.1665,

0.0000, NaN, -NF

110.0619, -80.5605

0.0000, NaN, -NF

153.8504,
112.1973, -81.3823

■ 51.5647, 92.9535,
-75.3804

■ 51.5647, 92.9535,
-75.3804

■ 49.7669, 97.2392,
-80.3428

■ 54.3984, 85.4335,
-68.0992

■ 48.9495, 98.5770,
-82.7052

■ 58.2718, 75.2774,
-59.0361

■ 63.1148, 63.3352,
-48.8746

■ 68.8185, 50.4032,
-38.2205

■ 75.2653, 37.0732,
-27.4998

82.3456, 23.7197,
-16.9626

89.9645, 10.5477,
-6.7297

98.0430, -2.3498,
3.1599

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.



51.5658, 40.2995, -151.2698



51.5647, 92.9535, -75.3804



51.5658, 120.7980, -5.8895

Triad

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



51.5658, 92.9514, -75.3775



51.5658, 5.9648, 36.0961



51.5658, -61.6901, -47.0455

Complementary

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



51.5647, 92.9535, -75.3804



85.3628, -68.9179, 49.6686

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.



51.5658, -65.2184, 10.2110



51.5647, 92.9535, -75.3804



51.5658, -35.1179, 36.0268

Square

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



51.5658, 92.9514, -75.3775



51.5658, 60.3445, 35.1953



51.5658, -57.4975, 31.8364



51.5658, -45.1837, -126.9844

Rectangle

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



51.5647, 92.9535, -75.3804



51.5658, 116.3129, 20.0609



51.5658, -57.4975, 31.8364



51.5658, -64.1123, -23.7753

Sweetspot

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



51.5658, 92.9514, -75.3775



80.4125, 27.2482, -19.7297



34.1696, 50.3310, -142.2239



36.0454, 14.7770, -10.8388

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.5658, 92.9514, -75.3775



49.0490, 98.4274, -82.4142



51.0666, 83.7618, -11.8013



42.6646, 3.1687, -1.7957



35.4366, 71.3320, -59.6259



11.1725, 22.4210, -18.2659

Inverse Universe

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



48.5088, 73.9364, 24.8839



46.2582, 79.0901, 28.4971



85.8273, -65.3322, 37.3939



42.4459, 1.7656, 3.0954



33.4010, 57.3422, 20.4819



10.4671, 18.0586, 5.7290

Previews

White Background



This preview shows how the HunterLab color 51.5647, 92.9535, -75.3804 looks on a white background.

Color Contrast Check

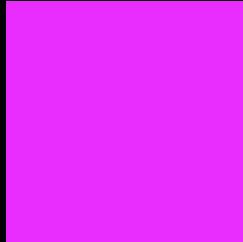
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.5647, 92.9535, -75.3804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

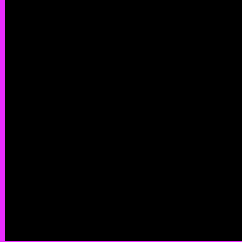
Any Text WCAG AA ✓ Pass

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 51.5647, 92.9535, -75.3804 Background



This preview shows how black text looks on a background with the HunterLab color 51.5647, 92.9535, -75.3804.



This preview shows how white text looks on a background with the HunterLab color 51.5647, 92.9535, -75.3804.

-75.3804.

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

51.5647, 92.9535, -75.3804

Protanopia

51.8273, 13.9661, -76.0503

Deuteranopia

51.8557, 5.1703, -63.1060



Tritanopia

51.2588, 38.4695, 13.8451

Trichromacy



Original Color

51.5647, 92.9535, -75.3804



Protanomaly

47.3698, 42.6481, -88.4792



Deuteranomaly

46.6459, 36.2104, -81.4457



Tritanomaly

49.7446, 57.8914, -10.7622

Monochromacy



Original Color

51.5647, 92.9535, -75.3804



Achromatopsia

45.2856, -2.4163, 2.4605



Achromatomaly

43.9814, 33.2068, -24.9323

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.5647, 92.9535, -75.3804 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(234, 45, 255)` looks like.

```
.text, #text, p{  
    color:rgb(234, 45, 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(234, 45, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 45, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 51.5647, 92.9535, -75.3804 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(234, 45, 255) }
```


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

```
.border{ border-color:rgb(234, 45, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 45, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 45, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 45, 255);  
box-shadow:4px 4px 4px 4px rgb(234, 45,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.5647, 92.9535, -75.3804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 45, 255) }
```

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

```
.background{ background-color: rgb(234, 45,  
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