

Converting Colors

HunterLab(52.1006, 102.3504,
-68.0886)

Have a look what the booklet for
HunterLab(52.1006, 102.3504,
-68.0886) contains.

HunterLab(52.1187, 102.3774, -68.0467)	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(52.1187,
102.3774, -68.0467)**

Conversions

Conversions Part 1

Format	Color
Hex	FA00F9
RGB	250, 0, 249
RGB Percent	98%, 0%, 98%
CMY	0.0196, 0.9998, 0.0235
CMYK	0.00, 1.00, 0.00, 0.02
HSL	300°, 100%, 49%
HSV	300°, 100%, 98%
XYZ	56.5233, 27.1636, 91.8866
YIQ	103.1360, 69.0710, 130.4390

Conversions

Conversions Part 2

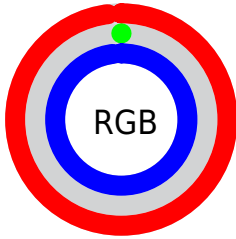
Format	Color
R_{YB}	250, 0, 249
Decimal	16384249
CIE _{Lab}	59.13, 96.65, -59.47
CIE _{LCh}	59, 113.481, 328.395
Yxy	27.1649, 0.3219, 0.1547
Android (android.graphics.Color)	4294574329 (0xFFFA00F9)
YUV	103.1360, 71.9110, 128.7997
Hunter-Lab	52.1187, 102.3774, -68.0467

Details

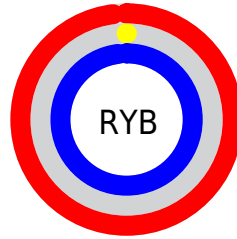
The HunterLab color **52.1187, 102.3774, -68.0467** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **82.6891, -70.8951, 49.6900**, and the grayscale version is **36.6083, -1.9533, 1.9890**.

A 20% lighter version of the original color is **61.9521, 76.6768, -51.0255**, and **38.0751, 75.1999, -52.8773** is the 20% darker color. If you saturate the color by 10%, you get **52.1190, 102.3779, -68.0462**, and if you desaturate by 10%, it is **52.7895, 99.9773, -66.4722**.

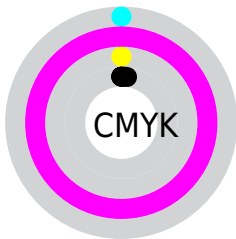
Distribution



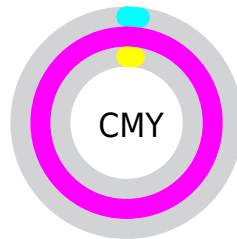
- Red (98%)
- Green (0%)
- Blue (98%)



- Red (98%)
- Yellow (0%)
- Blue (98%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)



- Cyan (2%)
- Magenta (100%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.1187, 102.3774, -68.0467 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 52.1187, 102.3774, -68.0467 by changing the saturation by 10% instead.

52.1187, 102.3774,
-68.0467

52.1187, 102.3774,
-68.0467

169.8395,
124.9728, -74.8173

42.0679, 99.7651,
-67.7501

74.2619, 107.7782,
-69.3044

32.7608, 97.4005,
-67.9387

86.2744, 110.4490,
-70.0831

24.2640, 95.6088,
-69.0494

98.8727, 113.0613,
-70.8959

16.6635, 95.1624,
-72.0886

112.0308,
115.6024, -71.7167

10.0812, 98.2674,
-79.8848

125.7258,
118.0658, -72.5285

0.0000, INF, -NF

139.9373,

0.0000, NaN, -NF

120.4489, -73.3203

154.6473,
122.7510, -74.0848

■ 52.1187, 102.3774,
-68.0467

■ 52.1187, 102.3774,
-68.0467

■ 52.1190, 102.3779,
-68.0462

■ 52.7895, 99.9773,
-66.4722

■ 54.2784, 94.7575,
-62.9720

■ 56.7635, 86.4798,
-57.3775

■ 60.2594, 75.6783,
-50.0474

■ 64.7100, 63.1374,
-41.5125

70.0205, 49.6189,
-32.2902

76.0825, 35.7127,
-22.7825

82.7912, 21.8066,
-13.2554

90.0531, 8.1210,
-3.8607

Harmonies

Analogous

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



52.1199, 49.2016, -150.3187



52.1187, 102.3774, -68.0467



52.1199, 126.4989, 0.2983

Triad

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



52.1199, 102.3746, -68.0440



52.1199, -0.1538, 36.4839



52.1199, -61.9435, -59.1718

Complementary

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



52.1187, 102.3774, -68.0467



82.6891, -70.8951, 49.6900

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.



52.1199, -66.9600, 5.2541



52.1187, 102.3774, -68.0467



52.1199, -40.0344, 36.3158

Square

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



52.1199, 102.3746, -68.0440



52.1199, 55.4310, 36.0630



52.1199, -60.6797, 31.1603



52.1199, -43.1035, -142.6583

Rectangle

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



52.1187, 102.3774, -68.0467



52.1199, 118.0172, 23.7394



52.1199, -60.6797, 31.1603



52.1199, -64.9155, -33.4958

Sweetspot

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



52.1199, 102.3746, -68.0440



77.7820, 36.5955, -23.3490



26.2745, 71.2553, -186.6545



34.7354, 19.7165, -12.7080

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



52.1199, 102.3746, -68.0440



53.3051, 104.7079, -69.5941



46.6975, 83.1375, 5.5864



41.8609, 3.4548, -1.5778



37.9591, 74.5646, -49.5677



11.5538, 22.6980, -15.1062

Inverse Universe

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



52.1199, 102.3746, -68.0440



53.3051, 104.7079, -69.5941



83.5786, -65.3407, 36.5877



41.8609, 3.4548, -1.5778



37.9591, 74.5646, -49.5677



11.5538, 22.6980, -15.1062

Previews

White Background



This preview shows how the HunterLab color 52.1187, 102.3774, -68.0467 looks on a white background.

Color Contrast Check

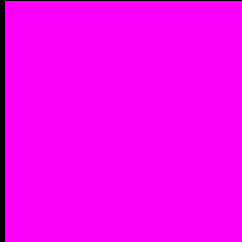
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.1187, 102.3774, -68.0467 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 52.1187, 102.3774, -68.0467 Background



This preview shows how black text looks on a background with the HunterLab color 52.1187, 102.3774, -68.0467.



This preview shows how white text looks on a background with the HunterLab color 52.1187,

102.3774, -68.0467.

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

52.1187, 102.3774, -68.0467

Protanopia

52.8721, 13.0295, -73.2841

Deuteranopia

52.8330, 4.6931, -54.7177



Tritanopia

52.1798, 48.2502, 18.1163

Trichromacy



Original Color

52.1187, 102.3774, -68.0467

Protanomaly

45.1083, 52.2637, -93.4340

Deuteranomaly

44.7183, 46.5268, -79.9014

Tritanomaly

49.4013, 71.6052, -6.5890

Monochromacy



Original Color

52.1187, 102.3774, -68.0467

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

36.5577, 41.7796, -27.7522

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.1187, 102.3774, -68.0467 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(250, 0, 249)` looks like.

```
.text, #text, p{  
    color:rgb(250, 0, 249)  
}
```

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(250, 0, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 0, 249) }
```

Border

The CSS property to change the border of an element to HunterLab 52.1187, 102.3774, -68.0467 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(250, 0, 249) }
```


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

```
.border{ border-color:rgb(250, 0, 249) }
```

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

Here you see how a box with a 4 pixel rgb(250, 0, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 0, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 0, 249);  
box-shadow:4px 4px 4px 4px rgb(250, 0,  
249) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.1187, 102.3774, -68.0467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 0, 249) }
```

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

```
.background{ background-color: rgb(250, 0,  
249) }
```

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