

Converting Colors

HunterLab(52.6151, 103.8263,
-72.3710)

Have a look what the booklet for
HunterLab(52.6151, 103.8263,
-72.3710) contains.

HunterLab(52.6586, 103.8899, -72.2553)	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(52.6586,
103.8899, -72.2553)**

Conversions

Conversions Part 1

Format	Color
Hex	FB00FF
RGB	251, 0, 255
RGB Percent	98%, 0%, 100%
CMY	0.0157, 0.9998, 0.0000
CMYK	0.02, 1.00, 0.00, 0.00
HSL	299°, 100%, 50%
HSV	299°, 100%, 100%
XYZ	57.8337, 27.7293, 96.9120
YIQ	104.1190, 67.7410, 132.5170

Conversions

Conversions Part 2

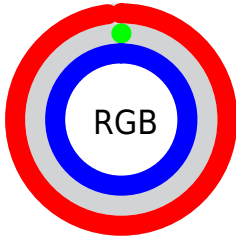
Format	Color
R_{YB}	251, 0, 255
Decimal	16449791
CIE _{Lab}	59.64, 97.64, -61.96
CIE _{LCh}	60, 115.643, 327.601
Yxy	27.7305, 0.3169, 0.1520
Android (android.graphics.Color)	4294639871 (0xFFFB00FF)
YUV	104.1190, 74.3843, 128.8146
Hunter-Lab	52.6586, 103.8899, -72.2553

Details

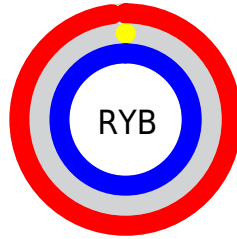
The HunterLab color **52.6586, 103.8899, -72.2553** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **84.5850, -72.4520, 50.8516**, and the grayscale version is **36.9706, -1.9727, 2.0087**.

A 20% lighter version of the original color is **62.1153, 76.1957, -50.6954**, and **38.5357, 76.4543, -56.1885** is the 20% darker color. If you saturate the color by 10%, you get **52.6587, 103.8902, -72.2547**, and if you desaturate by 10%, it is **53.4066, 101.5202, -70.3438**.

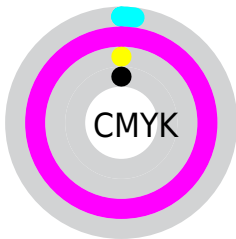
Distribution



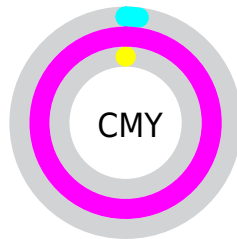
- Red (98%)
- Green (0%)
- Blue (100%)



- Red (98%)
- Yellow (0%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.6586, 103.8899, -72.2553 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 52.6586, 103.8899, -72.2553 by changing the saturation by 10% instead.

52.6586, 103.8899,
-72.2553

52.6586, 103.8899,
-72.2553

170.6391,
126.6434, -79.0933

42.5707, 101.2671,
-72.0403

74.8692, 109.3179,
-73.4441

33.2236, 98.8938,
-72.3666

86.9127, 112.0049,
-74.2176

24.6829, 97.0920,
-73.7065

99.5406, 114.6345,
-75.0376

17.0334, 96.6204,
-77.1384

112.7271,
117.1940, -75.8745

10.3945, 99.6155,
-85.6507

126.4493,
119.6765, -76.7093

0.0000, INF, -NF

140.6871,

0.0000, NaN, -NF

122.0792, -77.5291

155.4224,
124.4013, -78.3257

■ 52.6586, 103.8899,
-72.2553

■ 52.6586, 103.8899,
-72.2553

■ 52.6587, 103.8902,
-72.2547

■ 53.4066, 101.5202,
-70.3438

■ 54.9999, 96.2345,
-66.4119

■ 57.6170, 87.8098,
-60.3141

■ 61.2693, 76.8124,
-52.4528

■ 65.8958, 64.0561,
-43.3977

71.3967, 50.3206,
-33.6899

77.6601, 36.2026,
-23.7411

84.5786, 22.0907,
-13.8168

92.0568, 8.2031,
-4.0644

Harmonies

Analogous

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



52.6598, 48.8644, -156.7358



52.6586, 103.8899, -72.2553



52.6598, 129.7980, -1.0609

Triad

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



52.6598, 103.8871, -72.2521



52.6598, 1.2258, 36.8618



52.6598, -63.3515, -58.5994

Complementary

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



52.6586, 103.8899, -72.2553



84.5850, -72.4520, 50.8516

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.



52.6598, -68.1098, 6.5128



52.6586, 103.8899, -72.2553



52.6598, -40.0149, 36.8340

Square

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



52.6598, 103.8871, -72.2521



52.6598, 58.4152, 36.4530



52.6598, -61.4399, 31.9453



52.6598, -44.6813, -144.9142

Rectangle

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



52.6586, 103.8899, -72.2553



52.6598, 121.8836, 23.5347



52.6598, -61.4399, 31.9453



52.6598, -66.2431, -32.4653

Sweetspot

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



52.6598, 103.8871, -72.2521



77.6488, 36.2270, -23.7583



27.0434, 72.1240, -189.4911



34.6626, 19.5221, -12.9366

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



52.6598, 103.8871, -72.2521



52.6587, 103.8902, -72.2547



47.8755, 85.4497, 4.0637



42.7610, 3.4914, -1.6672



38.0734, 75.1104, -52.2066



11.8991, 23.4645, -16.2403

Inverse Universe

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



46.1192, 78.9944, 29.6521



46.1181, 78.9976, 29.6531



85.4150, -67.2368, 38.3856



42.4166, 1.6077, 3.5143



33.3397, 57.1150, 21.3905



10.4107, 17.8496, 6.5640

Previews

White Background



This preview shows how the HunterLab color 52.6586, 103.8899, -72.2553 looks on a white background.

Color Contrast Check

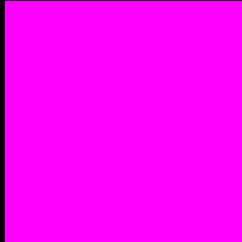
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.6586, 103.8899, -72.2553 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 52.6586, 103.8899, -72.2553 Background



This preview shows how black text looks on a background with the HunterLab color 52.6586, 103.8899, -72.2553.



This preview shows how white text looks on a background with the HunterLab color 52.6586, 103.8899, -72.2553.

103.8899, -72.2553.

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

52.6586, 103.8899, -72.2553

Protanopia

53.2856, 12.9233, -72.2078

Deuteranopia

53.2315, 5.2075, -58.9286



Tritanopia

52.7618, 47.9720, 17.7204

Trichromacy



Original Color

52.6586, 103.8899, -72.2553

Protanomaly

45.6380, 52.7978, -93.8623

Deuteranomaly

44.8180, 47.5688, -85.8315

Tritanomaly

49.9407, 71.8075, -8.0001

Monochromacy



Original Color

52.6586, 103.8899, -72.2553

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

36.8344, 42.6893, -29.3530

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.6586, 103.8899, -72.2553 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(251, 0, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 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(251, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 0, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 52.6586, 103.8899, -72.2553 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(251, 0, 255) }
```


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

```
.border{ border-color:rgb(251, 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(251, 0, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 0,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.6586, 103.8899, -72.2553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 0, 255) }
```

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

```
.background{ background-color: rgb(251, 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](#).

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