

Converting Colors

HunterLab(51.3042, 81.2494,
-7.7529)

Have a look what the booklet for
HunterLab(51.3042, 81.2494,
-7.7529) contains.

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Color

**HunterLab(51.2913, 81.2000,
-7.5721)**

Conversions

Conversions Part 1

Format	Color
Hex	FF33A4
RGB	255, 51, 164
RGB Percent	100%, 20%, 64%
CMY	0.0000, 0.7999, 0.3569
CMYK	0.00, 0.80, 0.36, 0.00
HSL	327°, 100%, 60%
HSV	327°, 80%, 100%
XYZ	49.1246, 26.3080, 37.6107
YIQ	124.8780, 85.3110, 78.3910

Conversions

Conversions Part 2

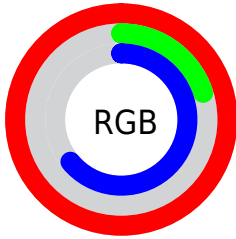
Format	Color
R _Y B	255, 51, 164
Decimal	16724900
CIE Lab	58.33, 80.87, -12.18
CIE LCh	58, 81.785, 351.439
Yxy	26.3094, 0.4346, 0.2327
Android (android.graphics.Color)	4294914980 (0xFFFF33A4)
YUV	124.8780, 19.2871, 114.1170
Hunter-Lab	51.2913, 81.2000, -7.5721

Details

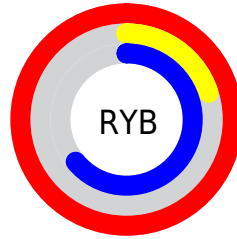
The HunterLab color **51.2913, 81.2000, -7.5721** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **86.1265, -63.6547, 34.3349**, and the grayscale version is **45.1448, -2.4088, 2.4528**.

A 20% lighter version of the original color is **62.9032, 61.9489, -23.3231**, and **35.3657, 63.8726, -2.7889** is the 20% darker color. If you saturate the color by 10%, you get **49.2596, 85.2585, -4.2321**, and if you desaturate by 10%, it is **54.4153, 74.1529, -9.5735**.

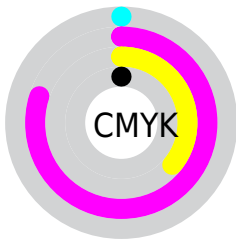
Distribution



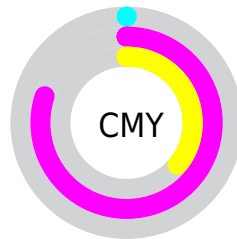
- Red (100%)
- Green (20%)
- Blue (64%)



- Red (100%)
- Yellow (20%)
- Blue (64%)



- Cyan (0%)
- Magenta (80%)
- Yellow (36%)
- Black (0%)



- Cyan (0%)
- Magenta (80%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.2913, 81.2000, -7.5721 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 51.2913, 81.2000, -7.5721 by changing the saturation by 10% instead.

51.2913, 81.2000,
-7.5721

51.2913, 81.2000,
-7.5721

168.6113,
100.5941, -5.4660

41.2980, 78.7213,
-7.5307

73.3306, 86.0678,
-7.4557

32.0529, 76.3264,
-7.4179

85.2952, 88.4018,
-7.3119

23.6240, 74.2103,
-7.2249

97.8478, 90.6514,
-7.1162

16.0996, 72.8630,
-6.9471

110.9621, 92.8130,
-6.8720

9.6054, 73.7403,
-6.5952

124.6151, 94.8862,
-6.5825

0.0000, INF, -NF

0.0000, INF, NaN

138.7862, 96.8724,

-6.2502

0.0000, NaN, NaN

153.4571, 98.7741,
-5.8773

0.0000, NaN, NaN

■ 51.2913, 81.2000,
-7.5721

■ 51.2913, 81.2000,
-7.5721

■ 49.2596, 85.2585,
-4.2321

■ 54.4153, 74.1529,
-9.5735

■ 48.1569, 86.4769,
0.0434

■ 58.6031, 64.7753,
-10.1792

■ 48.1563, 86.4774,
0.0462

■ 63.7617, 53.8778,
-9.5183

■ 69.7684, 42.1717,
-7.8112

■ 76.4988, 30.1593,
-5.2869

■ 83.8417, 18.1449,
-2.1421

■ 91.7028, 6.2880,
1.4700

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.



51.2927, 60.4652, -54.5306



51.2913, 81.2000, -7.5721



51.2927, 75.1989, 20.9788

Triad

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



51.2927, 81.1955, -7.5704



51.2927, -24.8960, 33.6892



51.2927, -38.0218, -75.6316

Complementary

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



51.2913, 81.2000, -7.5721



86.1265, -63.6547, 34.3349

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.



51.2927, -51.1996, -26.2047



51.2913, 81.2000, -7.5721



51.2927, -45.1409, 28.6738

Square

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



51.2927, 81.1955, -7.5704



51.2927, 7.5630, 34.2421



51.2927, -53.4047, 11.3612



51.2927, -12.2882, -107.7801

Rectangle

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



51.2913, 81.2000, -7.5721



51.2927, 57.3907, 29.5226



51.2927, -53.4047, 11.3612



51.2927, -43.7486, -59.3799

Sweetspot

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



51.2927, 81.1955, -7.5704



80.8327, 22.9458, -3.4657



38.8759, 69.4858, -119.1156



36.1933, 12.5984, -2.1157

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.2927, 81.1955, -7.5704



48.5286, 86.1971, -1.7087



48.9962, 72.2507, 25.4749



42.6093, 2.6434, 0.7664



34.8540, 62.6699, -0.5897



10.9765, 19.9199, -1.6078

Inverse Universe

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



51.2927, 81.1955, -7.5704



48.5286, 86.1971, -1.7087



88.6561, -48.3109, -2.0805



42.6093, 2.6434, 0.7664



34.8540, 62.6699, -0.5897



10.9765, 19.9199, -1.6078

Previews

White Background



This preview shows how the HunterLab color 51.2913, 81.2000, -7.5721 looks on a white background.

Color Contrast Check

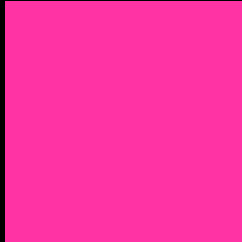
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.2913, 81.2000, -7.5721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

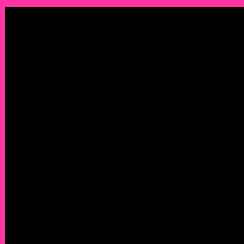
Any Text WCAG AA ✓ Pass

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 51.2913, 81.2000, -7.5721 Background



This preview shows how black text looks on a background with the HunterLab color 51.2913, 81.2000, -7.5721.



This preview shows how white text looks on a background with the HunterLab color 51.2913, 81.2000, -7.5721.

-7.5721.

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

51.2913, 81.2000, -7.5721

Protanopia

51.6741, 8.2954, -47.3060

Deuteranopia

51.4979, 3.4344, -3.4048



Tritanopia

51.1837, 61.4845, 23.3686

Trichromacy



Original Color

51.2913, 81.2000, -7.5721



Protanomaly

47.1238, 33.4315, -39.9020



Deuteranomaly

48.3130, 33.0128, -9.3491



Tritanomaly

50.8068, 68.3979, 14.6156

Monochromacy



Original Color

51.2913, 81.2000, -7.5721



Achromatopsia

45.2856, -2.4163, 2.4605



Achromatomaly

44.0115, 28.5965, -5.2853

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.2913, 81.2000, -7.5721 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(255, 51, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 164)  
}
```

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(255, 51, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 164) }
```

Border

The CSS property to change the border of an element to HunterLab 51.2913, 81.2000, -7.5721 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(255, 51, 164) }
```


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

```
.border{ border-color:rgb(255, 51, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 51, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
164) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.2913, 81.2000, -7.5721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 164) }
```

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

```
.background{ background-color: rgb(255, 51,  
164) }
```

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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