

Converting Colors

HunterLab(50.6901, 78.8725,
0.9534)

Have a look what the booklet for
HunterLab(50.6901, 78.8725,
0.9534) contains.

HunterLab(50.6981, 78.9131, 0.8187)	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(50.6981, 78.9131,
0.8187)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3392
RGB	255, 51, 146
RGB Percent	100%, 20%, 57%
CMY	0.0000, 0.7999, 0.4274
CMYK	0.00, 0.80, 0.43, 0.00
HSL	332°, 100%, 60%
HSV	332°, 80%, 100%
XYZ	47.6121, 25.7030, 29.6458
YIQ	122.8260, 91.0890, 72.7930

Conversions

Conversions Part 2

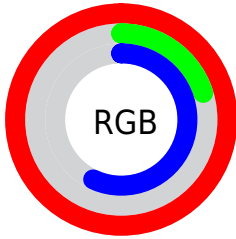
Format	Color
R _Y B	255, 51, 146
Decimal	16724882
CIE Lab	57.76, 79.19, -2.46
CIE LCh	58, 79.226, 358.218
Yxy	25.7044, 0.4624, 0.2496
Android (android.graphics.Color)	4294914962 (0xFFFF3392)
YUV	122.8260, 11.4248, 115.9166
Hunter-Lab	50.6981, 78.9131, 0.8187

Details

The HunterLab color **50.6981, 78.9131, 0.8187** 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 **86.4655, -61.5693, 29.3915**, and the grayscale version is **44.3725, -2.3676, 2.4108**.

A 20% lighter version of the original color is **62.1480, 58.5800, -12.8098**, and **34.7145, 61.8824, 3.5738** is the 20% darker color. If you saturate the color by 10%, you get **48.6351, 82.9436, 4.6446**, and if you desaturate by 10%, it is **53.8752, 71.9511, -1.9548**.

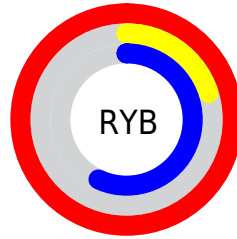
Distribution



Red (100%)

Green (20%)

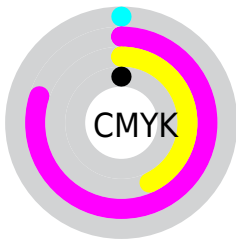
Blue (57%)



Red (100%)

Yellow (20%)

Blue (57%)

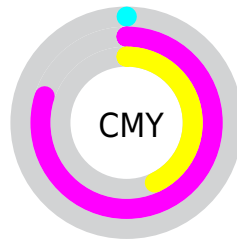


Cyan (0%)

Magenta (80%)

Yellow (43%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.6981, 78.9131, 0.8187 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 50.6981, 78.9131, 0.8187 by changing the saturation by 10% instead.

50.6981, 78.9131,
0.8187

50.6981, 78.9131,
0.8187

167.7284, 97.9633,
6.2704

40.7464, 76.4585,
0.4092

72.6621, 83.7162,
1.7774

31.5462, 74.0792,
0.0495

84.5920, 86.0134,
2.3170

23.1665, 71.9660,
-0.2526

97.1116, 88.2244,
2.8936

15.6974, 70.6049,
-0.4878

110.1944, 90.3461,
3.5053

9.2659, 71.4832,
-0.6436

123.8170, 92.3788,
4.1503

0.0000, INF, NaN

0.0000, INF, NaN

137.9588, 94.3241,

4.8270

0.0000, NaN, NaN

152.6015, 96.1846,
5.5341

0.0000, NaN, NaN

■ 50.6981, 78.9131,
0.8187

■ 50.6981, 78.9131,
0.8187

■ 48.6351, 82.9436,
4.6446

■ 53.8752, 71.9511,
-1.9548

■ 47.5249, 84.1757,
9.0838

■ 58.1317, 62.7324,
-3.5350

■ 47.5243, 84.1762,
9.0867

■ 63.3682, 52.0699,
-3.9656

■ 69.4563, 40.6633,
-3.3993

■ 76.2683, 28.9971,
-2.0203

■ 83.6909, 17.3579,
0.0005

■ 91.6290, 5.8917,
2.5221

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.



50.6995, 64.3552, -41.1890



50.6981, 78.9131, 0.8187



50.6995, 67.3110, 24.0005

Triad

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



50.6995, 78.9083, 0.8202



50.6995, -29.6721, 32.4867



50.6995, -32.3270, -81.6435

Complementary

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



50.6981, 78.9131, 0.8187



86.4655, -61.5693, 29.3915

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.



50.6995, -47.8406, -35.5223



50.6981, 78.9131, 0.8187



50.6995, -46.6105, 25.5634

Square

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



50.6995, 78.9083, 0.8202



50.6995, -0.6925, 33.7320



50.6995, -52.3033, 4.6255



50.6995, -4.6923, -104.3638

Rectangle

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



50.6981, 78.9131, 0.8187



50.6995, 47.6488, 30.4658



50.6995, -52.3033, 4.6255



50.6995, -38.8350, -67.3309

Sweetspot

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



50.6995, 78.9083, 0.8202



80.6502, 22.0063, -0.8765



41.2831, 73.4382, -109.1496



36.0956, 12.1021, -0.7320

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.6995, 78.9083, 0.8202



47.8972, 83.8856, 7.3003



49.5043, 69.6465, 27.9702



42.5768, 2.4691, 1.2289



34.3962, 61.0041, 5.9507



10.8340, 19.4040, 0.4086

Inverse Universe

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



50.6995, 78.9083, 0.8202



47.8972, 83.8856, 7.3003



86.7077, -42.5378, -12.0076



42.5768, 2.4691, 1.2289



34.3962, 61.0041, 5.9507



10.8340, 19.4040, 0.4086

Previews

White Background



This preview shows how the HunterLab color 50.6981, 78.9131, 0.8187 looks on a white background.

Color Contrast Check

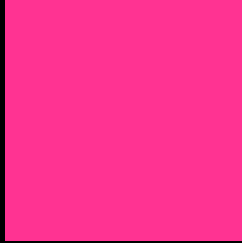
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.6981, 78.9131, 0.8187 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 50.6981, 78.9131, 0.8187 Background



This preview shows how black text looks on a background with the HunterLab color 50.6981, 78.9131, 0.8187.



This preview shows how white text looks on a background with the HunterLab color 50.6981, 78.9131,

0.8187.

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

50.6981, 78.9131, 0.8187

Protanopia

50.9525, 5.0162, -30.6838

Deuteranopia

50.5965, 3.5554, 3.9449



Tritanopia

50.6614, 64.2773, 24.3406

Trichromacy



Original Color

50.6981, 78.9131, 0.8187



Protanomaly

46.9018, 30.7757, -24.4730



Deuteranomaly

47.6878, 32.2798, -0.8973



Tritanomaly

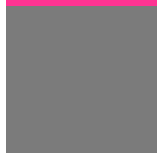
50.3009, 69.2750, 17.6958

Monochromacy



Original Color

50.6981, 78.9131, 0.8187



Achromatopsia

44.5050, -2.3747, 2.4180



Achromatomaly

43.4120, 27.5058, -2.0946

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.6981, 78.9131, 0.8187 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 146) }
```

Border

The CSS property to change the border of an element to HunterLab 50.6981, 78.9131, 0.8187 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, 146) }
```


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

```
.border{ border-color:rgb(255, 51, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
146) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.6981, 78.9131, 0.8187 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, 146) }
```

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

```
.background{ background-color: rgb(255, 51,  
146) }
```

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