

Converting Colors

Hex(7F56B1)

Have a look what the booklet for
Hex(7F56B1) contains.

Hex(7F56B1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7F56B1)

Conversions

Conversions Part 1

Format	Color
Hex	7F56B1
RGB	127, 86, 177
RGB Percent	50%, 34%, 69%
CMY	0.5020, 0.6627, 0.3059
CMYK	0.28, 0.51, 0.00, 0.31
HSL	267°, 37%, 52%
HSV	267°, 51%, 69%
XYZ	20.0160, 14.3419, 43.3083
YIQ	108.6330, -4.7750, 36.9930

Conversions

Conversions Part 2

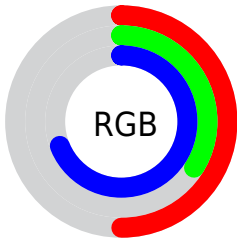
Format	Color
R_{YB}	127, 86, 177
Decimal	8345265
CIE _{Lab}	44.72, 35.75, -42.40
CIE _{LCh}	45, 55.459, 310.141
Yxy	14.3419, 0.2577, 0.1847
Android (android.graphics.Color)	4286535345 (0xFF7F56B1)
YUV	108.6330, 33.7049, 16.1079
Hunter-Lab	37.8707, 28.0696, -41.2934

Details

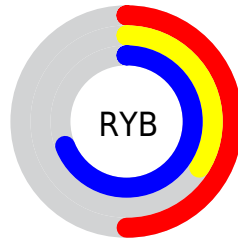
The Hex color **7F56B1** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **88B156**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B689E9**, and **4A267C** is the 20% darker color. If you saturate the color by 10%, you get **7544B1**, and if you desaturate by 10%, it is **8968B1**.

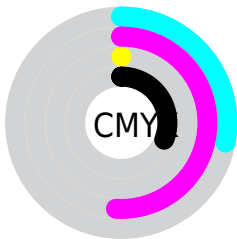
Distribution



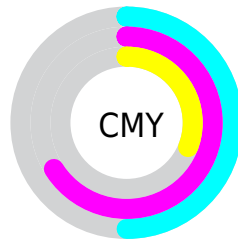
- Red (50%)
- Green (34%)
- Blue (69%)



- Red (50%)
- Yellow (34%)
- Blue (69%)



- Cyan (28%)
- Magenta (51%)
- Yellow (0%)
- Black (31%)



- Cyan (50%)
- Magenta (66%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F56B1 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 Hex color 7F56B1 by changing the saturation by 10% instead.

7F56B1

7F56B1

FFFFFF

643E96

B689E9

4A267C

D2A4FF

300F62

EFBFFF

16004A

FFDBFF

000033

FFF8FF

00021D

000000

7F56B1

7F56B1

7544B1

8968B1

6C33B1

9279B1

6221B1

9C8BB1

580FB1

A69DB1

5000B1

B0AFB1

B9C0B1

C3D2B1

CDE4B1

D7F5B1

Harmonies

Analogous

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



006AC5



7F56B1



AC408A

Triad

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



7F56B1



985C03



007F79

Complementary

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



7F56B1



88B156

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.



007D48



7F56B1



716D00

Square

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



7F56B1



B34730



3E771A



007EA4

Rectangle

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



7F56B1



BA396C



3E771A



007F69

Sweetspot

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



7F56B1



D3C3E6



5688B1



675E73



F2F2F2



737373

Same Dimension

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



7F56B1



9757E6



AC56B1



545059



450099



0B001A

Inverse Universe

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



B15688



E657A5



5BB156



595055



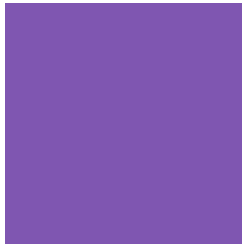
990054



1A000E

Previews

White Background



This preview shows how the Hex color 7F56B1 looks on a white background.

Color Contrast Check

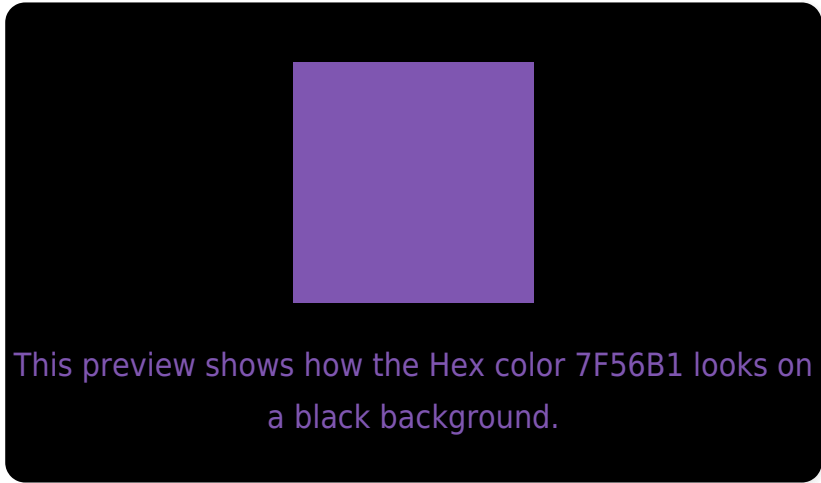
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

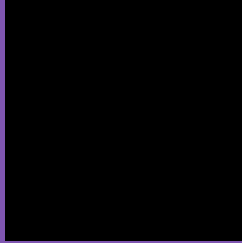
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7F56B1 Background



This preview shows how black text looks on a background with the Hex color 7F56B1.

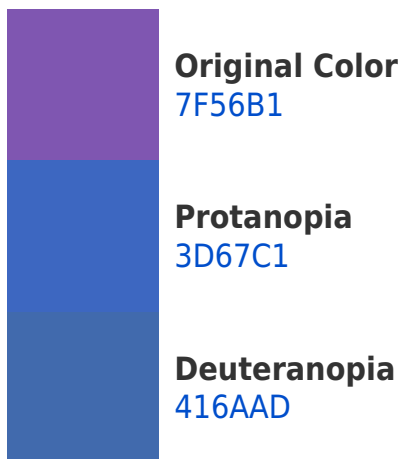



This preview shows how white text looks on a background with the Hex color 7F56B1.

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





Tritanopia
73666E

Trichromacy



Original Color
7F56B1

Protanomaly
5561BB

Deuteranomaly
5863AE

Tritanomaly
776086

Monochromacy



Original Color
7F56B1

Achromatopsia
6D6D6D

Achromatomaly
746586

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F56B1 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 #7F56B1 looks like.

```
.text, #text, p{  
    color:#7F56B1  
}
```

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 #7F56B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F56B1
}
```

Border

The CSS property to change the border of an element to Hex 7F56B1 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
#7F56B1 }
```

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

```
.border{ border-color:#7F56B1 }
```

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

Here you see how a box with a 4 pixel #7F56B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F56B1; -webkit-box-shadow:4px 4px  
4px 4px #7F56B1; box-shadow:4px 4px 4px  
4px #7F56B1 }
```

Background

The CSS property to change the background color of an element to Hex 7F56B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F56B1 }
```

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

```
.background{ background-color:#7F56B1 }
```

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