

Converting Colors

Hex(560B81)

Have a look what the booklet for
Hex(560B81) contains.

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Color

Hex(560B81)

Conversions

Conversions Part 1

Format	Color
Hex	560B81
RGB	86, 11, 129
RGB Percent	34%, 4%, 51%
CMY	0.6627, 0.9569, 0.4941
CMYK	0.33, 0.91, 0.00, 0.49
HSL	278°, 84%, 27%
HSV	278°, 91%, 51%
XYZ	7.9199, 3.8028, 21.0855
YIQ	46.8770, 6.8220, 52.5980

Conversions

Conversions Part 2

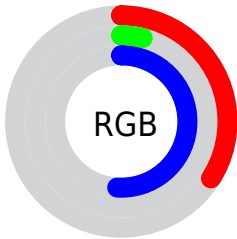
Format	Color
R_{YB}	86, 11, 129
Decimal	5639041
CIE _{Lab}	23.01, 50.25, -48.45
CIE _{LCh}	23, 69.805, 316.042
Yxy	3.8028, 0.2414, 0.1159
Android (android.graphics.Color)	4283829121 (0xFF560B81)
YUV	46.8770, 40.4866, 34.3109
Hunter-Lab	19.5007, 38.3687, -50.4580

Details

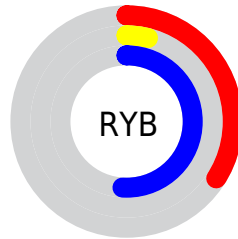
The Hex color **560B81** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **36810B**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **8C44B7**, and **21004F** is the 20% darker color. If you saturate the color by 10%, you get **520081**, and if you desaturate by 10%, it is **5B1881**.

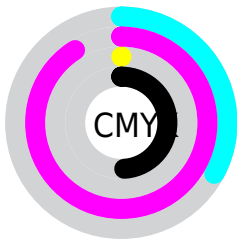
Distribution



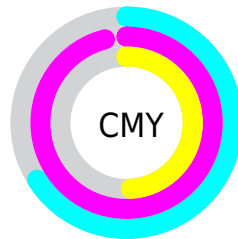
- Red (34%)
- Green (4%)
- Blue (51%)



- Red (34%)
- Yellow (4%)
- Blue (51%)



- Cyan (33%)
- Magenta (91%)
- Yellow (0%)
- Black (49%)



- Cyan (66%)
- Magenta (96%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 560B81 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 560B81 by changing the saturation by 10% instead.

 560B81

 560B81


FFFFFF

 3B0067

 8C44B7

 21004F

 A85ED3

 000037

 C578EF

 000220

 E293FF

 000005

 FFAFFF

 000000

 FFCBFF

 FFE7FF

 560B81

 560B81

■ 520081

■ 5B1881

■ 5F2581

■ 643281

■ 693F81

■ 6E4C81

■ 725881

■ 776581

■ 7C7281

■ 807F81

Harmonies

Analogous

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



00369E



560B81



820052

Triad

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



560B81



582C00



004953

Complementary

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



560B81



36810B

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.



00481B



560B81



2A3D00

Square

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



560B81



790000



004500



004A83

Rectangle

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



560B81



8B002F



004500



004941

Sweetspot

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



560B81



987BA8



0B3681



4A3954



D4D4D4



545454

Same Dimension

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



560B81



6B00A8



810B71



3D3940



510080



000000

Inverse Universe

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



810B36



A8003D



0B811B



40393C



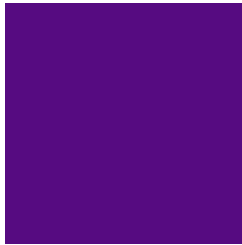
80002E



000000

Previews

White Background



This preview shows how the Hex color 560B81 looks on a white background.

Color Contrast Check

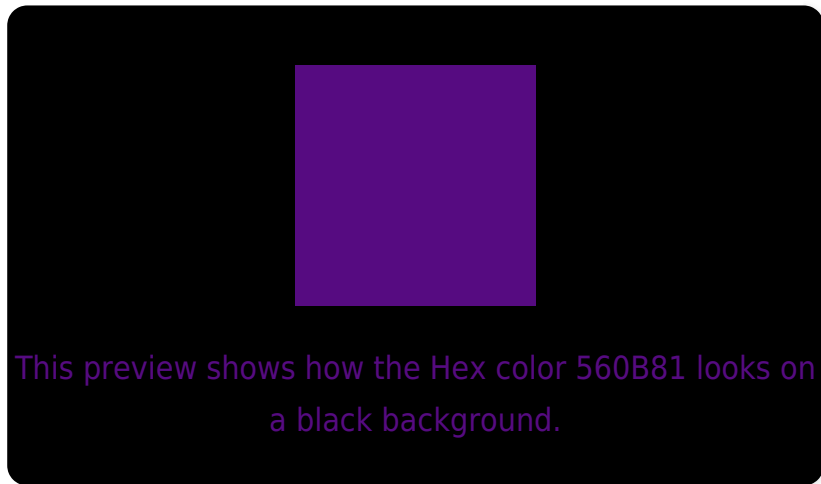
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

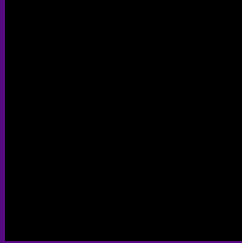
Any Text WCAG AA × Fail

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 560B81 Background



This preview shows how black text looks on a background with the Hex color 560B81.



This preview shows how white text looks on a background with the Hex color 560B81.

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](#).

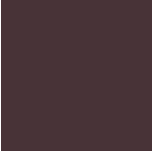
Dichromacy



Original Color
560B81

Protanopia
003774

Deuteranopia
003B64



Tritanopia
483337

Trichromacy



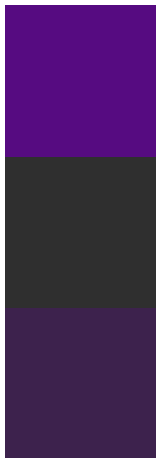
Original Color
560B81

Protanomaly
1F2779

Deuteranomaly
1F2A6F

Tritanomaly
4D2452

Monochromacy



Original Color
560B81

Achromatopsia
2F2F2F

Achromatomaly
3D224D

CSS Examples

Text

The CSS property to change the color of the text to Hex 560B81 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 #560B81 looks like.

```
.text, #text, p{  
    color:#560B81  
}
```

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 #560B81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #560B81
}
```

Border

The CSS property to change the border of an element to Hex 560B81 is called "border". The border property can be set on classes, ids or directly on the HTML element.

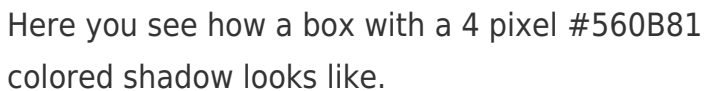
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#560B81 }
```

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

```
.border{ border-color:#560B81 }
```

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



Here you see how a box with a 4 pixel #560B81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #560B81; -webkit-box-shadow:4px 4px  
4px 4px #560B81; box-shadow:4px 4px 4px  
4px #560B81 }
```

Background

The CSS property to change the background color of an element to Hex 560B81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#560B81 }
```

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

```
.background{ background-color:#560B81 }
```

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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