

# Converting Colors

Hex(560F87)

Have a look what the booklet for  
Hex(560F87) contains.

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**Color**

**Hex(560F87)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	560F87
RGB	86, 15, 135
RGB Percent	34%, 6%, 53%
CMY	0.6627, 0.9412, 0.4706
CMYK	0.36, 0.89, 0.00, 0.47
HSL	276°, 80%, 29%
HSV	276°, 89%, 53%
XYZ	8.3817, 4.0694, 23.2654
YIQ	49.9090, 3.7960, 52.3720

# Conversions

## Conversions Part 2

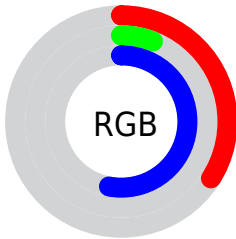
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 15, 135
Decimal	5640071
CIE <sub>Lab</sub>	23.90, 50.57, -50.78
CIE <sub>LCh</sub>	24, 71.665, 314.886
Yxy	4.0694, 0.2347, 0.1139
Android (android.graphics.Color)	4283830151 (0xFF560F87)
YUV	49.9090, 41.9499, 31.6518
Hunter-Lab	20.1726, 38.8648, -54.2591

# Details

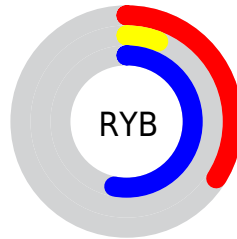
The Hex color **560F87** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **40870F**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **8D46BD**, and **1F0054** is the 20% darker color. If you saturate the color by 10%, you get **500287**, and if you desaturate by 10%, it is **5C1D87**.

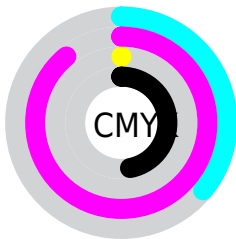
# Distribution



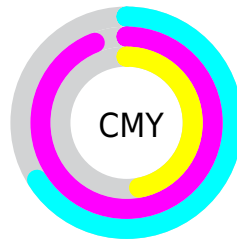
- Red (34%)
- Green (6%)
- Blue (53%)



- Red (34%)
- Yellow (6%)
- Blue (53%)



- Cyan (36%)
- Magenta (89%)
- Yellow (0%)
- Black (47%)



- Cyan (66%)
- Magenta (94%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 560F87 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 560F87 by changing the saturation by 10% instead.



■ 560F87

■ 560F87

FFFFFF

■ 3B006D

■ 8D46BD

■ 1F0054

■ A960D9

■ 00003C

■ C57BF6

■ 000225

■ E396FF

■ 00010E

■ FFB1FF

■ 000000

■ FFCDFE

■ FFEAFF

■ 560F87

■ 560F87

■ 500287

■ 5C1D87

■ 500087

■ 612A87

■ 673887

■ 6C4587

■ 725387

■ 776087

■ 7D6E87

■ 827B87

■ 888987

# Harmonies

## Analogous

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



0039A4



560F87



860056

# Triad

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



560F87



5D2C00



004C53

# Complementary

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



560F87



40870F

# 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.



004A1A



560F87



2D3F00

# Square

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



560F87



7E0000



004700



004C86

# Rectangle

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



560F87



8F0033



004700



004B41



# Sweetspot

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



560F87



9D80B0



0F4187



4E3D59



D9D9D9



595959



# Same Dimension

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



560F87



6800B0



870F7D



403C42



4D0082



020003



# Inverse Universe

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



870F40



B00048



0F8719



423C3E



820035

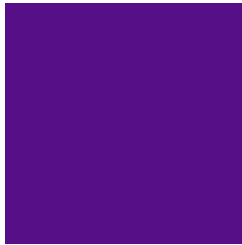


030001



# Previews

## White Background



This preview shows how the Hex color 560F87 looks on a white background.

## Color Contrast Check

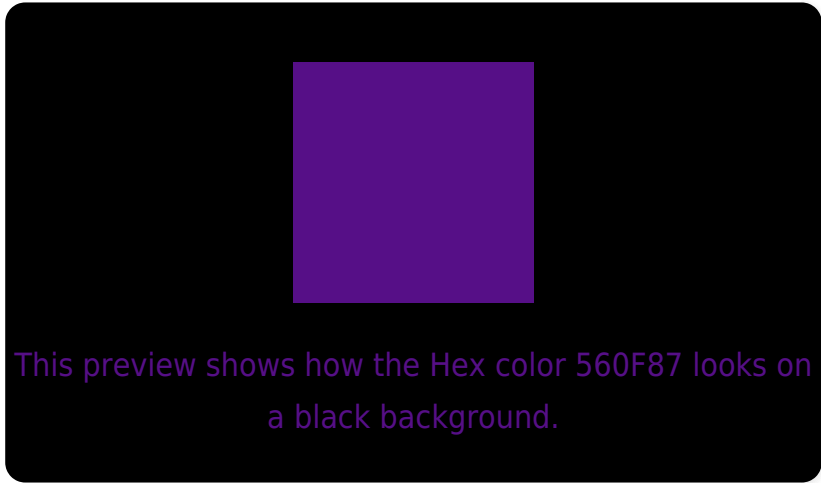
Large Text (above 18pt) WCAG AA ✓ Pass

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

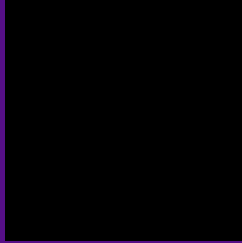
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 560F87 Background



This preview shows how black text looks on a background with the Hex color 560F87.



This preview shows how white text looks on a background with the Hex color 560F87.

# 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](#).

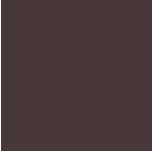
## Dichromacy



**Original Color**  
560F87

**Protanopia**  
003977

**Deuteranopia**  
003C67



**Tritanopia**  
47363A

# Trichromacy



**Original Color**  
560F87

**Protanomaly**  
1F2A7D

**Deuteranomaly**  
1F2C73

**Tritanomaly**  
4C2856

# Monochromacy



**Original Color**  
560F87

**Achromatopsia**  
323232

**Achromatomaly**  
3F2551

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 560F87 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 #560F87 looks like.

```
.text, #text, p{  
    color:#560F87  
}
```

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 #560F87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #560F87
}
```

## Border

The CSS property to change the border of an element to Hex 560F87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

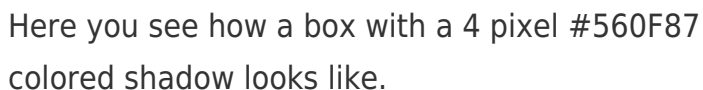
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#560F87 }
```

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

```
.border{ border-color:#560F87 }
```

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



Here you see how a box with a 4 pixel #560F87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #560F87; -webkit-box-shadow:4px 4px  
4px 4px #560F87; box-shadow:4px 4px 4px  
4px #560F87 }
```

# Background

The CSS property to change the background color of an element to Hex 560F87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#560F87 }
```

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

```
.background{ background-color:#560F87 }
```

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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