

# Converting Colors

Hex(560075)

Have a look what the booklet for  
Hex(560075) contains.

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**Color**

**Hex(560075)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	560075
RGB	86, 0, 117
RGB Percent	34%, 0%, 46%
CMY	0.6627, 1.0000, 0.5412
CMYK	0.26, 1.00, 0.00, 0.54
HSL	284°, 100%, 23%
HSV	284°, 100%, 46%
XYZ	7.0486, 3.2628, 17.0879
YIQ	39.0520, 13.6990, 54.6190

# Conversions

## Conversions Part 2

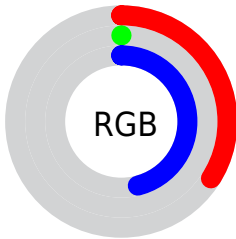
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 0, 117
Decimal	5636213
CIELab	21.07, 50.30, -43.97
CIELCh	21, 66.807, 318.839
Yxy	3.2628, 0.2573, 0.1191
Android (android.graphics.Color)	4283826293 (0xFF560075)
YUV	39.0520, 38.4284, 41.1734
Hunter-Lab	18.0632, 38.0439, -43.4445

# Details

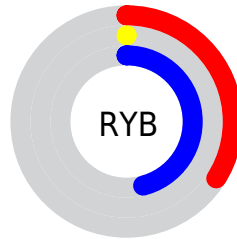
The Hex color **560075** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **1F7500**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **8C3EAA**, and **250044** is the 20% darker color. If you saturate the color by 10%, you get **560075**, and if you desaturate by 10%, it is **590C75**.

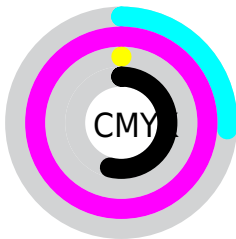
# Distribution



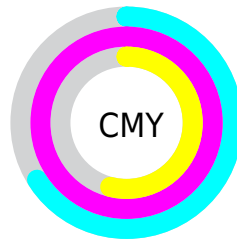
- Red (34%)
- Green (0%)
- Blue (46%)



- Red (34%)
- Yellow (0%)
- Blue (46%)



- Cyan (26%)
- Magenta (100%)
- Yellow (0%)
- Black (54%)



- Cyan (66%)
- Magenta (100%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 560075 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 560075 by changing the saturation by 10% instead.



560075

560075

FFFEFF

3C005C

8C3EAA

250044

A858C6

00002C

C472E2

000117

E18DFF

000000

FFA8FF

FFC4FF

FFE1FF

560075

■ 590C75

■ 5C1775

■ 5F2375

■ 622F75

■ 653B75

■ 694675

■ 6C5275

■ 6F5E75

■ 726975

# Harmonies

## Analogous

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



002F93



560075



7C0047

# Triad

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



560075



4E2A00



004452

# Complementary

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



560075



1F7500

# 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.



00431E



560075



213A00

# Square

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



560075



6F0000



004000



00447E

# Rectangle

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



560075



820027



004000



004441



# Sweetspot

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



560075



8D6B99



001F75



45314D



CCCCCC



4D4D4D



# Same Dimension

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



560075



700099



75005A



39353B



5A007A



B800FA



# Inverse Universe

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



75001F



990029



00751B



3B3536



7A0020



FA0042



# Previews

## White Background



This preview shows how the Hex color 560075 looks on a white background.

## Color Contrast Check

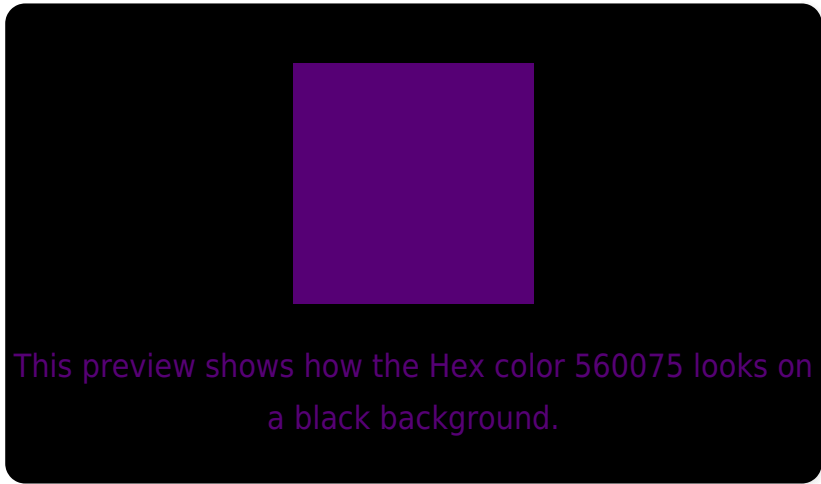
Large Text (above 18pt) WCAG AA ✓ Pass

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

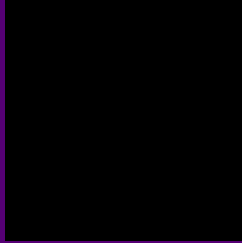
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 560075 Background



This preview shows how black text looks on a background with the Hex color 560075.



This preview shows how white text looks on a background with the Hex color 560075.

# 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**  
560075

**Protanopia**  
00346F

**Deuteranopia**  
003860



**Tritanopia**  
4B2E31

# Trichromacy



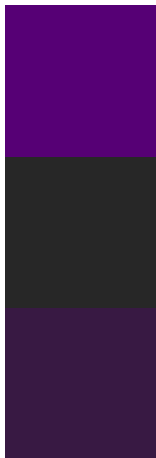
**Original Color**  
560075

**Protanomaly**  
1F2171

**Deuteranomaly**  
1F2468

**Tritanomaly**  
4F1D4A

# Monochromacy



**Original Color**  
560075

**Achromatopsia**  
272727

**Achromatomaly**  
381943

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 560075 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 #560075 looks like.

```
.text, #text, p{  
    color:#560075  
}
```

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 #560075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #560075
}
```

## Border

The CSS property to change the border of an element to Hex 560075 is called "border". The border property can be set on classes, ids or directly on the HTML element.

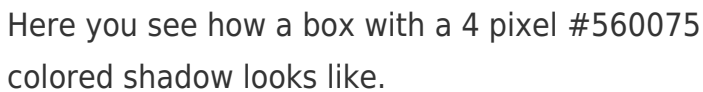
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#560075 }
```

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

```
.border{ border-color:#560075 }
```

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



Here you see how a box with a 4 pixel #560075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #560075; -webkit-box-shadow:4px 4px  
4px 4px #560075; box-shadow:4px 4px 4px  
4px #560075 }
```

# Background

The CSS property to change the background color of an element to Hex 560075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#560075 }
```

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

```
.background{ background-color:#560075 }
```

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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