

# Converting Colors

Hex(54086D)

Have a look what the booklet for  
Hex(54086D) contains.

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# Color

**Hex(54086D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	54086D
RGB	84, 8, 109
RGB Percent	33%, 3%, 43%
CMY	0.6706, 0.9686, 0.5725
CMYK	0.23, 0.93, 0.00, 0.57
HSL	285°, 86%, 23%
HSV	285°, 93%, 43%
XYZ	6.5033, 3.1626, 14.7357
YIQ	42.2380, 12.8750, 47.5230

# Conversions

## Conversions Part 2

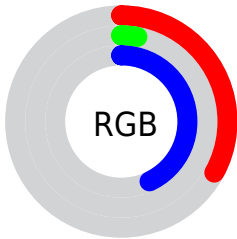
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 8, 109
Decimal	5507181
CIELab	20.68, 46.38, -39.44
CIElCh	21, 60.883, 319.629
Yxy	3.1626, 0.2665, 0.1296
Android (android.graphics.Color)	4283697261 (0xFF54086D)
YUV	42.2380, 32.9137, 36.6253
Hunter-Lab	17.7837, 34.1539, -36.6794

# Details

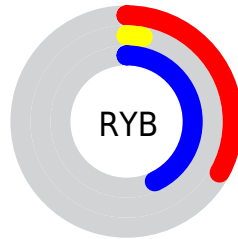
The Hex color **54086D** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **216D08**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **8941A1**, and **25003D** is the 20% darker color. If you saturate the color by 10%, you get **52006D**, and if you desaturate by 10%, it is **57136D**.

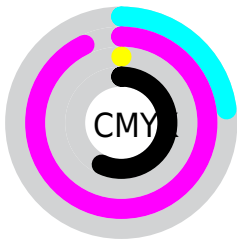
# Distribution



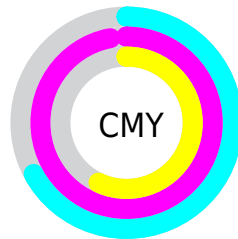
- Red (33%)
- Green (3%)
- Blue (43%)



- Red (33%)
- Yellow (3%)
- Blue (43%)



- Cyan (23%)
- Magenta (93%)
- Yellow (0%)
- Black (57%)



- Cyan (67%)
- Magenta (97%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54086D 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 54086D by changing the saturation by 10% instead.



 54086D

 54086D

FFFFFF

 3A0054

 8941A1

 25003D

 A55ABD

 000026

 C174D9

 00010E

 DE8FF5

 000000

 FBAAFF

 FFC6FF

 FFE3FF

 54086D

 54086D

■ 52006D

■ 57136D

■ 591E6D

■ 5C296D

■ 5F346D

■ 613F6D

■ 64496D

■ 67546D

■ 6A5F6D

■ 6C6A6D

# Harmonies

## Analogous

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



002E89



54086D



750043

# Triad

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



54086D



4B2B00



00424F

# Complementary

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



54086D



216D08

# 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.



004120



54086D



223800

# Square

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



54086D



690800



003F00



004277

# Rectangle

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



54086D



7B0026



003F00



004240



# Sweetspot

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



54086D



85678F



08216D



412F47



C7C7C7



474747



# Same Dimension

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



54086D



6B008F



6D0854



343036



580075



B800F5



# Inverse Universe

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



6D0821



8F0023



086D21



363032



75001D

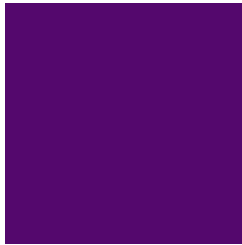


F5003D



# Previews

## White Background



This preview shows how the Hex color 54086D looks on a white background.

## Color Contrast Check

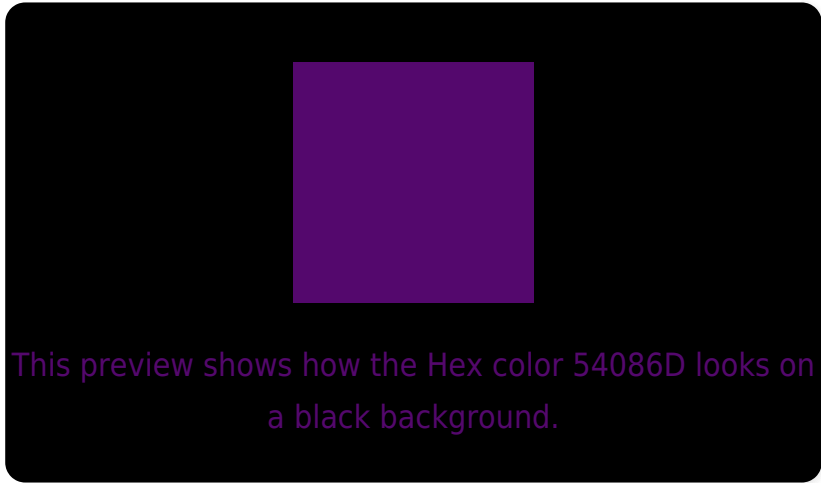
Large Text (above 18pt) WCAG AA ✓ Pass

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

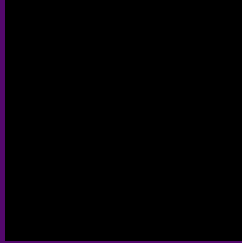
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 54086D Background



This preview shows how black text looks on a background with the Hex color 54086D.



This preview shows how white text looks on a background with the Hex color 54086D.

# 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**  
54086D

**Protanopia**  
00336B

**Deuteranopia**  
00365D



**Tritanopia**  
4B2B2E

# Trichromacy



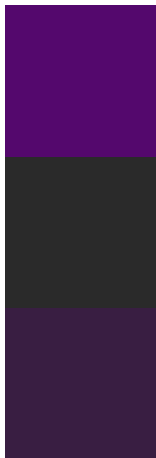
**Original Color**  
54086D

**Protanomaly**  
1F236C

**Deuteranomaly**  
1F2563

**Tritanomaly**  
4E1E45

# Monochromacy



**Original Color**  
54086D

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
391E42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54086D 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 #54086D looks like.

```
.text, #text, p{  
    color:#54086D  
}
```

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 #54086D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54086D
}
```

## Border

The CSS property to change the border of an element to Hex 54086D is called "border". The border property can be set on classes, ids or directly on the HTML element.

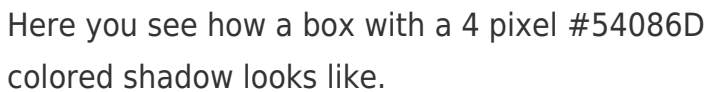
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#54086D }
```

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

```
.border{ border-color:#54086D }
```

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



Here you see how a box with a 4 pixel #54086D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54086D; -webkit-box-shadow:4px 4px  
4px 4px #54086D; box-shadow:4px 4px 4px  
4px #54086D }
```

# Background

The CSS property to change the background color of an element to Hex 54086D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54086D }
```

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

```
.background{ background-color:#54086D }
```

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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