

# Converting Colors

Hex(5F1272)

Have a look what the booklet for  
Hex(5F1272) contains.

<b>Hex(5F1272)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(5F1272)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F1272
RGB	95, 18, 114
RGB Percent	37%, 7%, 45%
CMY	0.6275, 0.9294, 0.5529
CMYK	0.17, 0.84, 0.00, 0.55
HSL	288°, 73%, 26%
HSV	288°, 84%, 45%
XYZ	7.9729, 4.0804, 16.2870
YIQ	51.9670, 15.0760, 46.1800

# Conversions

## Conversions Part 2

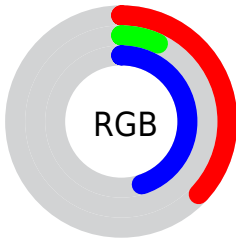
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 18, 114
Decimal	6230642
CIE <sub>Lab</sub>	23.94, 46.74, -37.31
CIE <sub>LCh</sub>	24, 59.806, 321.399
Yxy	4.0804, 0.2813, 0.1440
Android (android.graphics.Color)	4284420722 (0xFF5F1272)
YUV	51.9670, 30.5823, 37.7399
Hunter-Lab	20.2000, 35.1033, -33.6646

# Details

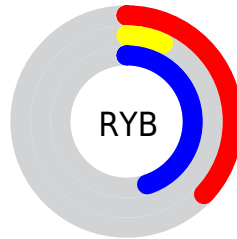
The Hex color **5F1272** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **257212**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **9548A7**, and **2D0041** is the 20% darker color. If you saturate the color by 10%, you get **5D0772**, and if you desaturate by 10%, it is **611D72**.

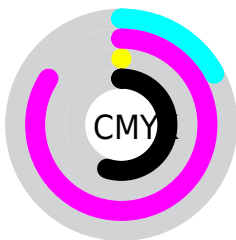
# Distribution



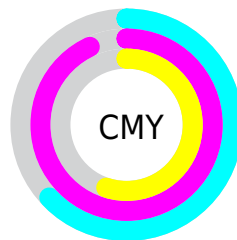
- Red (37%)
- Green (7%)
- Blue (45%)



- Red (37%)
- Yellow (7%)
- Blue (45%)



- Cyan (17%)
- Magenta (84%)
- Yellow (0%)
- Black (55%)



- Cyan (63%)
- Magenta (93%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F1272 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 5F1272 by changing the saturation by 10% instead.



5F1272

5F1272

FFFFFF

450059

9548A7

2D0041

B062C2

10002A

CD7CDE

000114

EA97FB

000000

FFB3FF

FFCFFF

FFECFF

5F1272

5F1272

■ 5D0772

■ 611D72

■ 5B0072

■ 642972

■ 663472

■ 684072

■ 6A4B72

■ 6D5672

■ 6F6272

■ 716D72

■ 737972

# Harmonies

## Analogous

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



00338F



5F1272



7E0048

# Triad

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



5F1272



523300



004A59

# Complementary

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



5F1272



257212

# 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.



00492A



5F1272



284000

# Square

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



5F1272



711700



004700



004980

# Rectangle

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



5F1272



83002A



004700



004A4A



# Sweetspot

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



5F1272



8D6F94



122572



46344A



C9C9C9



4A4A4A



# Same Dimension

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



5F1272



770094



721255



373238



600078



C600F7



# Inverse Universe

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



721225



94001D



12722F



383234



780018

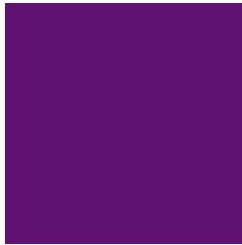


F70031



# Previews

## White Background



This preview shows how the Hex color 5F1272 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

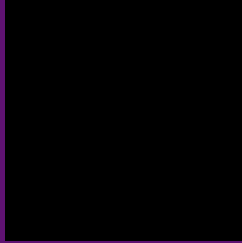
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F1272 Background



This preview shows how black text looks on a background with the Hex color 5F1272.



This preview shows how white text looks on a background with the Hex color 5F1272.

# 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**  
5F1272

**Protanopia**  
003978

**Deuteranopia**  
003C6A



**Tritanopia**  
562F32

# Trichromacy



**Original Color**  
5F1272



**Protanomaly**  
232B76



**Deuteranomaly**  
232D6D



**Tritanomaly**  
592449

# Monochromacy



**Original Color**  
5F1272



**Achromatopsia**  
343434



**Achromatomaly**  
44284B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F1272 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 #5F1272 looks like.

```
.text, #text, p{  
    color:#5F1272  
}
```

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 #5F1272 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F1272
}
```

## Border

The CSS property to change the border of an element to Hex 5F1272 is called "border". The border property can be set on classes, ids or directly on the HTML element.

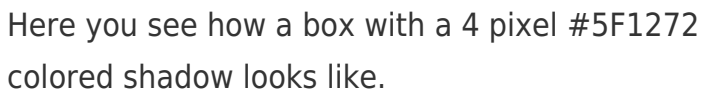
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F1272 }
```

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

```
.border{ border-color:#5F1272 }
```

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



Here you see how a box with a 4 pixel #5F1272 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F1272; -webkit-box-shadow:4px 4px  
4px 4px #5F1272; box-shadow:4px 4px 4px  
4px #5F1272 }
```

# Background

The CSS property to change the background color of an element to Hex 5F1272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F1272 }
```

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

```
.background{ background-color:#5F1272 }
```

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