

Converting Colors

Hex(5C1772)

Have a look what the booklet for
Hex(5C1772) contains.

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Color

Hex(5C1772)

Conversions

Conversions Part 1

Format	Color
Hex	5C1772
RGB	92, 23, 114
RGB Percent	36%, 9%, 45%
CMY	0.6392, 0.9098, 0.5529
CMYK	0.19, 0.80, 0.00, 0.55
HSL	285°, 66%, 27%
HSV	285°, 80%, 45%
XYZ	7.7573, 4.1030, 16.3027
YIQ	54.0050, 11.9130, 42.9290

Conversions

Conversions Part 2

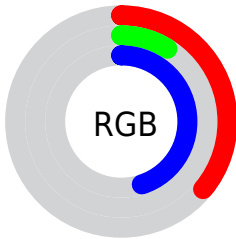
Format	Color
RYB	92, 23, 114
Decimal	6035314
CIELab	24.01, 44.43, -37.22
CIELCh	24, 57.961, 320.047
Yxy	4.1030, 0.2754, 0.1457
Android (android.graphics.Color)	4284225394 (0xFF5C1772)
YUV	54.0050, 29.5775, 33.3216
Hunter-Lab	20.2559, 32.9114, -33.5397

Details

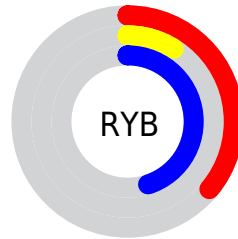
The Hex color **5C1772** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2D7217**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **914BA7**, and **2A0041** is the 20% darker color. If you saturate the color by 10%, you get **590C72**, and if you desaturate by 10%, it is **5F2272**.

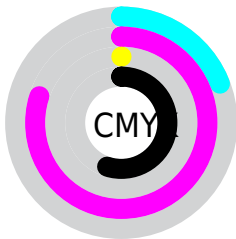
Distribution



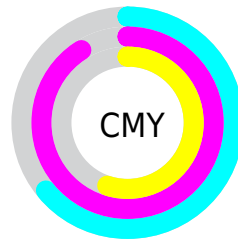
- Red (36%)
- Green (9%)
- Blue (45%)



- Red (36%)
- Yellow (9%)
- Blue (45%)



- Cyan (19%)
- Magenta (80%)
- Yellow (0%)
- Black (55%)



- Cyan (64%)
- Magenta (91%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C1772 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 5C1772 by changing the saturation by 10% instead.

■ 5C1772

■ 5C1772

FFFFFF

■ 420059

■ 914BA7

■ 2A0041

■ AD65C2

■ 0C002A

■ C97FDE

■ 000114

■ E69AFB

■ 000000

■ FFB5FF

■ FFD1FF

■ FFEEFF

■ 5C1772

■ 5C1772

■ 590C72

■ 5F2272

■ 560072

■ 622E72

■ 643972

■ 674572

■ 6A5072

■ 6D5B72

■ 6F6772

■ 727272

■ 757E72

Harmonies

Analogous

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



00358D



5C1772



7C004A

Triad

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



5C1772



533200



004A56

Complementary

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



5C1772



2D7217

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.



004929



5C1772



2B4000

Square

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



5C1772



711800



004600



00497C

Rectangle

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



5C1772



81002D



004600



004A47

Sweetspot

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



5C1772



8B7094



172E72



45354A



C9C9C9



4A4A4A

Same Dimension

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



5C1772



720694



72175B



373238



5B0078



BC00F7

Inverse Universe

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



72172D



940628



17722E



383234



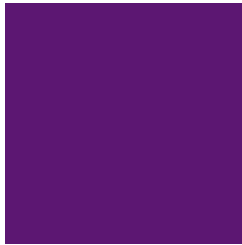
78001D



F7003C

Previews

White Background



This preview shows how the Hex color 5C1772 looks on a white background.

Color Contrast Check

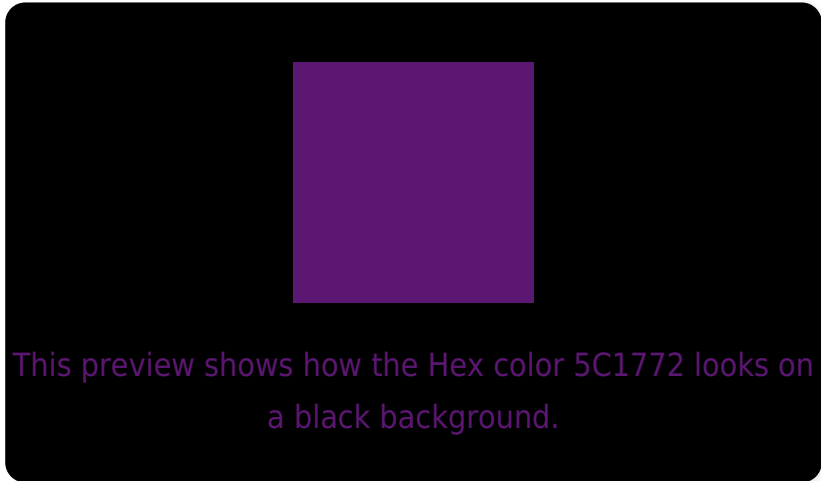
Large Text (above 18pt) WCAG AA ✓ Pass

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

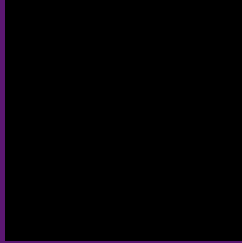
Any Text WCAG AA × Fail

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 5C1772 Background



This preview shows how black text looks on a background with the Hex color 5C1772.



This preview shows how white text looks on a background with the Hex color 5C1772.

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
5C1772

Protanopia
003978

Deuteranopia
003C69



Tritanopia
533034

Trichromacy



Original Color
5C1772



Protanomaly
212D76



Deuteranomaly
212F6C



Tritanomaly
56274B

Monochromacy



Original Color
5C1772



Achromatopsia
363636



Achromatomaly
442B4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C1772 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 #5C1772 looks like.

```
.text, #text, p{  
    color:#5C1772  
}
```

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 #5C1772 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C1772
}
```

Border

The CSS property to change the border of an element to Hex 5C1772 is called "border". The border property can be set on classes, ids or directly on the HTML element.

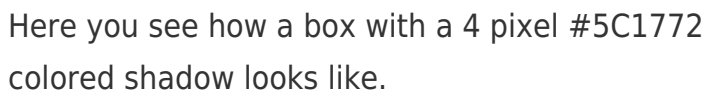
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C1772 }
```

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

```
.border{ border-color:#5C1772 }
```

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



Here you see how a box with a 4 pixel #5C1772 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C1772; -webkit-box-shadow:4px 4px  
4px 4px #5C1772; box-shadow:4px 4px 4px  
4px #5C1772 }
```

Background

The CSS property to change the background color of an element to Hex 5C1772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C1772 }
```

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

```
.background{ background-color:#5C1772 }
```

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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