

Converting Colors

Hex(5D2C74)

Have a look what the booklet for
Hex(5D2C74) contains.

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Color

Hex(5D2C74)

Conversions

Conversions Part 1

Format	Color
Hex	5D2C74
RGB	93, 44, 116
RGB Percent	36%, 17%, 45%
CMY	0.6353, 0.8275, 0.5451
CMYK	0.20, 0.62, 0.00, 0.55
HSL	281°, 45%, 31%
HSV	281°, 62%, 45%
XYZ	8.5673, 5.3895, 17.1117
YIQ	66.8590, 6.0920, 32.7800

Conversions

Conversions Part 2

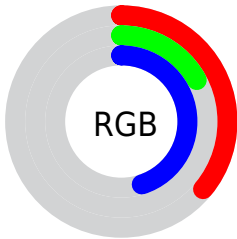
Format	Color
R_{YB}	93, 44, 116
Decimal	6106228
CIE _{Lab}	27.82, 35.32, -32.38
CIE _{LCh}	28, 47.918, 317.482
Yxy	5.3895, 0.2758, 0.1735
Android (android.graphics.Color)	4284296308 (0xFF5D2C74)
YUV	66.8590, 24.2265, 22.9257
Hunter-Lab	23.2152, 25.2463, -27.4514

Details

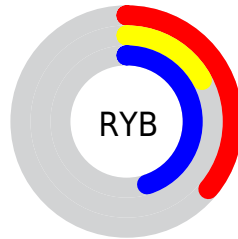
The Hex color **5D2C74** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **43742C**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **915DA9**, and **2B0043** is the 20% darker color. If you saturate the color by 10%, you get **592074**, and if you desaturate by 10%, it is **613874**.

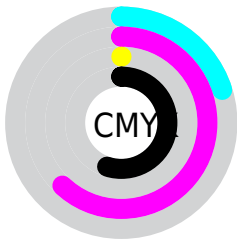
Distribution



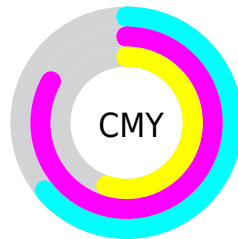
- Red (36%)
- Green (17%)
- Blue (45%)



- Red (36%)
- Yellow (17%)
- Blue (45%)



- Cyan (20%)
- Magenta (62%)
- Yellow (0%)
- Black (55%)



- Cyan (64%)
- Magenta (83%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D2C74 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 5D2C74 by changing the saturation by 10% instead.

■ 5D2C74

■ 5D2C74

FFFFFF

■ 44145B

■ 915DA9

■ 2B0043

■ AD76C4

■ 17002D

■ C990E0

■ 000117

■ E5ABFD

■ 000000

■ FFC7FF

■ FFE3FF

■ 5D2C74

■ 5D2C74

■ 592074

■ 613874

■ 561574

■ 644374

■ 520974

■ 684F74

■ 4F0074

■ 6C5A74

■ 706674

■ 737274

■ 777D74

■ 7B8974

■ 7E9474

Harmonies

Analogous

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



0A3F89



5D2C74



7B1653

Triad

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



5D2C74



5E3A00



005257

Complementary

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



5D2C74



43742C

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.



005130



5D2C74



3D4600

Square

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



5D2C74



76280A



034D07



005078

Rectangle

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



5D2C74



81113A



034D07



00524A

Sweetspot

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



5D2C74



8D7A96



2C4474



473B4D



CCCCCC



4D4D4D

Same Dimension

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



5D2C74



732796



742C68



39353B



53007A



AA00FA

Inverse Universe

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



742C43



96274B



2C7438



3B3537



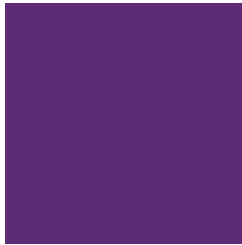
7A0027



FA0050

Previews

White Background



This preview shows how the Hex color 5D2C74 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

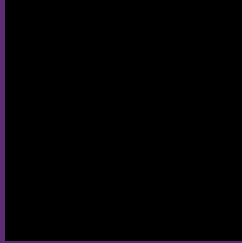
Any Text WCAG AA × Fail

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 5D2C74 Background



This preview shows how black text looks on a background with the Hex color 5D2C74.



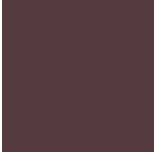
This preview shows how white text looks on a background with the Hex color 5D2C74.

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





Tritanopia
553B40

Trichromacy



Original Color
5D2C74



Protanomaly
223981



Deuteranomaly
383B71



Tritanomaly
583653

Monochromacy



Original Color
5D2C74



Achromatopsia
434343



Achromatomaly
4C3B55

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D2C74 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 #5D2C74 looks like.

```
.text, #text, p{  
    color:#5D2C74  
}
```

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 #5D2C74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D2C74
}
```

Border

The CSS property to change the border of an element to Hex 5D2C74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

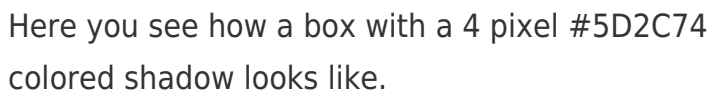
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D2C74 }
```

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

```
.border{ border-color:#5D2C74 }
```

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



Here you see how a box with a 4 pixel #5D2C74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D2C74; -webkit-box-shadow:4px 4px  
4px 4px #5D2C74; box-shadow:4px 4px 4px  
4px #5D2C74 }
```

Background

The CSS property to change the background color of an element to Hex 5D2C74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D2C74 }
```

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

```
.background{ background-color:#5D2C74 }
```

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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